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# NEW JERSEY

# ECONOMIC INDICATORS

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Number 236 Based on data available through March 9, 1984

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IMPORTANT

PLEASE READ NOTE ON BACK COVER.

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# The Economic Situation in

## THE NATION

The national economy remained on its expansionary path in January, with nearly all major business and job market indicators registering gains. Retail sales and housing starts advanced sharply and industrial production climbed to another record high. This was accompanied by further increases of employment and personal income as well as a drop in the civilian unemployment rate to 8.0%.

January marked the 14th month of recovery from the 1981-82 recession, and the economy appears headed for continued improvement during the balance of 1984. According to the fourth-quarter 1983 survey by the University of Michigan's Survey Research Center, consumer confidence has sustained its high level of last spring and summer, remaining the most favorable since 1972. This bodes well for spending on new cars, housing, and big-ticket household goods. At the same time, business investment in new plant and equipment is expected to continue its expansion that began last spring. A recent U.S. Commerce Department survey put the capital spending increase at 9.4% for all of 1984.

Labor market conditions have improved substanially since November 1982, when the recession was at its trough. Since that time, employment has increased by 4.2 million and the number of unemployed has receded from 11.9 million to 9.0 million. The jobless rate has dropped by 2.7 percentage points from its recession high of 10.7%. This improvement has reflected broad-based job expansion in manufacturing, construction, and all major service activities except government. The expectation is for further employment gains but less rapid unemployment declines during the months ahead.

The inflation rate quickened somewhat in January, partly because of the delayed effects of last summer's drought on meat prices. Fruit and vegetable prices also advanced because of bad winter weather and there were modest markups for most other types of consumer goods and services. Both the consumer and the producer price indexes climbed at annual rates of 7.2%, substantially exceeding their increases of 3.8% and 0.6%, respectively, during the preceding 12-month period.

While the prevailing expectation is that prices will increase more in 1984 than in 1983, because of both higher farm prices and the shift in the relationship of supply and demand that normally occurs during a period of business expansion, few analysts see a return during the forseeable future to the double-digit inflation of 1979-81. Most see prices rising at a 5% to 6% rate in 1984.

**Note:** Narrative analysis based upon the most recent data available as of March 9, 1984. Tables may contain less current information.

# THE STATE

Strong economic expansion continued in New Jersey during January, mirroring national trends. After adjusting for seasonal layoffs that always occur at this time of the year, employment climbed to another record high and unemployment dropped to its lowest rate since 1974. Job gains were mostly in manufacturing, construction, and trade reflecting the continued buoyancy of consumer spending and homebuilding as well as the cyclical rebound of business investment in new plant and equipment.

Nonfarm wage and salary employment advanced by 37,200 from December to January to reach a record seasonally adjusted level of 3,179,300, according to the latest monthly survey of New Jersey business establishments, and government agencies conducted by the N.J. Department of Labor. Most of the improvement was due to fewer-than-usual post-holiday layoffs. In construction, for example, employment increased by 11,800 on a seasonally adjusted basis because layoffs totaled 7,600 instead of an anticipated 19,400. The situation was similar in manufacturing, trade, and trucking.

January's gain brought the cumulative expansion of nonfarm jobs recorded by the employer survey since April 1983 to 101,200, far more than recouping the 35,400 loss that occurred during the recession. Only about one-third of the 77,000 factory jobs eliminated during the 1981-82 slump had been replaced as of January however, posing continued problems for many workers displaced from that sector. Construction employment, on the other hand, has fully recovered and job opportunities have continued to grow rapidly in the service sectors of the economy, where new record highs were being attained even when the recession was at its worst.

Data revisions currently nearing completion and scheduled for release later in March will show that New Jersey's employment performance over the past year has been even better than indicated by the job gains cited above. The monthly employer survey, which is based on a sample of just over 7,000 establishments, appears to have underestimated the countercyclical job increases in trade and services during the recession and also to have missed some of the hiring that occurred throughout the private sector as the recovery began to unfold during the early part of last year. To correct for this, estimates are currently being revised on the basis of employers' unemployment insurance tax reports and other records now available through the first half of 1983. The adjustments could raise the past year's job gains by 50,000 or more.

The U.S. Bureau of Labor Statistics (BLS) also has been reporting big employment increases for New Jersey over the past year based on its monthly survey of some 1,800 households in the state. According to BLS, the number of New Jersey residents with jobs (including agricultural, domestic, and self-employed workers not covered by the nonfarm employer survey) totaled 3,575,000 in February, up 297,000 from a December 1982 recession low. BLS also reports, on the basis of revised estimates, that the state's jobless rate dropped from 9.8% to 6.2% over the same period.

The BLS household survey estimates cited above are subject to a good deal of sampling error and therefore fluctuate erratically from month to month. They probably overstate the economy's improvement over the past year. To get a better picture, the N.J. Department of Labor prepares independent "unofficial" labor force and unemployment estimates utilzing--in conjunction with underlying trend data from the household survey--a combination of unemployment insurance and employer survey data that more accurately measure month-to-month changes. According to these less volatile unofficial estimates, resident employment advanced by a still-impressive 180,000 from November 1982 to January 1984, reaching an all-time high of 3,484,000. Unemployment declined steadily over the same 14-month period from 9.5% to 6.6%, the lowest rate for New Jersey since 1974. Estimates have not yet been prepared for February, but partially available data suggest that the unemployment rate remained at about its January level.

The rapid decline of unemployment over the past year, both nationally and in New Jersey, has exceeded even the most optimistic forecasts of economists, most of whom expected a rather sluggish pace of economic recovery and only slowly receding joblessness. Unemployment has already dropped to where most analysts expected it to be a year or more from now.

This quick turnaround of labor market conditions has reduced regular state unemployment insurance claims in New Jersey to their lowest volume since early 1973. Claims were essentially unchanged from October to January, averaging about 96,200 per week during that period compared with a recession high of 143,600 per week in April 1982. The insured unemployment rate (claimants as a percentage of covered employment) averaged 3.3% over the same four months, its lowest level since the Vietnam War era of the late 1960s.

Consumers, aided by the improved interest rate situation after mid-1982, deserve most of the credit for the substantial job gains that have occurred since last winter. After slumping badly in "real" (inflation-adjusted) terms from 1979 to 1981, retail sales turned up in 1982 and continued to advance throughout 1983 as consumers stepped up their purchases of long-postponed big ticket items, such as new cars and household durable goods. In 1983, retail sales climbed 7.9% in New Jersey and 9.0% nationally when measured in current dollars. After adjusting for price changes, New Jersey's gain was a healthy 5%.

The improvement of retail activity has been particularly pronounced for new automobiles, especially since last summer when the number of new passenger cars registered with the N.J. Division of Motor Vehicles reversed a steady five-year decline. After averaging only 24,100 per month during the first seven months of 1983, the seasonally adjusted number of registrations

jumped to a monthly average of 37,700 for the balance of the year, bringing the annual total to nearly 355,000, the best since 1980. This pace was sustained in January.

Robust new home sales and a solid expansion of commercial and other nonresidential building activity have also contributed to New Jersey's quick rebound from the 1981-82 recession, accounting for about 20,000 new jobs in the construction industry since April of last year. Part of the employment expansion in manufacturing, transportation, and services can also be attributed to increased demand generated by the construction rebound.

Based on as yet incomplete data compiled by the N.J. Department of Labor, the number of dwelling units authorized by building inspectors totaled at least 32,000 during 1983, a figure that will probably be raised several thousand when all reports are in. This was up from 21,400 in 1982 and the best since 1979, when 34,900 units were authorized. Big gains were reported for both single family homes and apartment units.

Construction contract awards showed similar large increases in 1983. Residential contracts totaled $2.7 billion, up 97% from 1982, and nonresidential building awards reached $2.2 billion, a gain of 28% over a year earlier. New Jersey considerably outperformed the nation, where these construction categories registered increases of 57% and 4%, respectively.

Considering the amount of work already planned or in progress, the employment outlook for the building trades remains quite favorable for the balance of 1984. This assessment is reinforced by residential building permits and contract awards for both housing and nonresidential projects which showed continued strength in January.

Another positive sign for the future is the steeply rising trend of new business incorporations in New Jersey. A record 26,215 charters were granted during 1983, up 16% from a year earlier. This not only has contributed to the expansion of employment over the past year; it also represents a vote of investor confidence without which the economic expansion would soon falter.

In sum, 1983 was a year of rapid recovery for both the state and national economies, with job expansion exceeding expectations. The economy's upward momentum continued in January, when employment climbed to another record high. All key indicators point to further expansion during the months ahead, generating sufficient jobs to meet the needs of a growing labor force. The state's unemployment rate could move lower, but not by much considering that it was already at a 10-year low as of January.

COMPARATIVE ECONOMIC INDICATORS
NEW JERSEY AND UNITED STATES
(seasonally adjusted)

| New Jersey Data | | | Series | | | Year to Date Percent Change from year ago | |
|---|---|---|---|---|---|---|---|
| Latest Month | Month ago | Year ago | Data for | | Page No. | N.J. | U.S. |
| $ 9007 | $ 8947 | $ 8110 | Sep | Personal Income (millions) | | + 8.4 | + 5.9 |
| $ 3430 | $ 3518 | $ 3182 | Dec | Retail Sales (millions) | S-22 | + 7.9 | + 9.0 |
| 3322 | 2161 | 3345 | Dec | New Business Incorporations (number) | S-16 | +16.1 | INA |
| 25 | 48 | 36 | Jul'82 | Business Failures (number) | S-16 | + 4.0 | +43.9 |
| 121.1 | 103.8 | 83.5 | Dec | Dwelling Units Authorized (1977=100) | S-20 | +74.7 | +59.2 |
| $ 459.0 | $ 395.4 | $ 348.9 | Jan | Construction Contracts (millions)* | S-18 | +31.6 | +21.1 |
| $ 174.3 | $ 174.9 | $ 174.7 | Jan | Residential* | S-18 | - 0.2 | +29.9 |
| $ 236.8 | $ 165.9 | $ 141.6 | Jan | Nonresidential* | S-18 | +67.2 | +21.8 |
| $ 47.9 | $ 54.6 | $ 32.6 | Jan | Nonbuilding* | | +46.9 | - 4.0 |
| 3179.3 | 3142.1 | 3081.1 | Jan | Nonfarm Payroll Employment (thous.) | S- 8 | + 3.2 | + 3.4 |
| 723.2 | 716.0 | 710.0 | Jan | Manufacturing (thousands) | S-10 | + 1.9 | + 6.2 |
| 2456.1 | 2426.1 | 2371.1 | Jan | Nonmanufacturing (thousands) | | + 3.6 | + 2.6 |
| 271 | 259 | 305 | Jan | Total Unemployment (thous.) *official* | S- 4 | -11.1 | -21.7 |
| 7.2 | 6.9 | 8.5 | Jan | Percent of Labor Force *official* | S- 6 | -- | -- |
| 97.9 | 94.2 | 129.4 | Jan | Insured Unemployment (thousands) | S-24 | -24.3 | -33.7 |
| 3.3 | 3.2 | 4.4 | Jan | Percent of Covered Employment | S-26 | -- | -- |
| 40.9 | 40.9 | 40.3 | Jan | Average Factory Workweek (hours) | S-12 | + 1.5 | + 3.0 |
| $ 9.48 | $ 9.43 | $ 9.05 | Jan | Average Factory Hourly Earnings* | S-34 | + 4.8 | + 4.1 |
| $386.78 | $392.29 | $363.81 | Jan | Average Factory Weekly Earnings* | S-32 | + 6.3 | + 7.3 |

See pages S-1 to S-3 for data notes on all the above listed series.
*Not seasonally adjusted
INA - Information Not Available

# Business "Births"

# Long-Run Employment Impact

by Robert Vaden
Office of Demographic and Economic Analysis

Each year, thousands of new businesses begin operations in New Jersey. While the impact of these new firms on short-term employment is important, a more vital question centers around the long-run impact on New Jersey employment levels.

In the July 8, 1983 edition of *Economic Indicators*, an article entitled "Business Births in New Jersey 1975-1981" discussed the number of new units in New Jersey and their initial employment levels by industry and by geographic area. As a follow-up, this article measures survival rates and employment contributions of new firms over time.

## "BIRTHS" DEFINED

Defined simply, a "birth" in this study is a new business enterprise in the private sector which, previously, was not in existence in New Jersey. However, if a previously established out-of-state firm with no prior operations moved to New Jersey or opened a branch in the state, these firms would be considered New Jersey "births." New branches or facilities opened by firms already operating in New Jersey are not considered to be "births." In addition, new companies created through either mergers, absorptions, or acquisitions are not treated as "births."

The distinction between an establishment or unit and a firm or company should be noted. An establishment or unit simply represents a single physical location. A firm or company is a legal entity which may operate at more than one physical location.

"Birth" activity for this study was tabulated by unit or location rather than by company. The unit count will somewhat overstate the number of new companies in New Jersey to the extent that a "birth" company may begin its operations at more than one location. However, since most new firms tend to be very small, the use of units rather than companies is not considered significant. These terms--units, establishments, and firms--will be used interchangeably throughout the rest of the article.

The source for identifying business "births" was the Department of Labor's file of employers covered by the State's Unemployment Insurance System. Generally, an employer paying at least $1,000 in wages in the current or preceding calendar year is covered under New Jersey's Unemployment Insurance program. Major exclusions include certain agricultural workers, the armed forces, railroad workers, the self-employed, unpaid family members, most domestics, and employees of small non-profit organizations. A detailed explanation of the scope and limitations of the data collected through the Unemployment Insurance program is given in *New Jersey Covered Employment Trends 1982*, which was published by this division. For a more complete definition of business "births," see "Business Births in New Jersey 1975-1981" in the July 8, 1983 edition of this publication.

## METHODOLOGY

To determine the longer-run impact on employment of new establishments which began opera-

tions in 1975 and 1976, initial records for these businesses were matched annually to records for subsequent years. The match determined whether the "birth" was still in business and, if so, the establishment's employment level. The results were tabulated by industry for the 1975-1982 period.

The date of "birth" was that date on which $1,000 in wages was paid in a calendar year. The initial "birth" employment was reported employment for the pay period including the 12th day of the third month of the quarter in which the firm was identified as a "birth." Comparisons were made to the pay period including the 12th day of the month for subsequent Septembers.

The third quarter of each year subsequent to the "birth" was selected for comparison in order to more fully reflect the impact of warm-weather, seasonal industries such as construction. To the extent that third quarter data does not fully reflect the impact of other seasonal industries, the data could be slightly biased.

The data are also understated to the extent that establishments which began operations in 1975 and 1976 and are counted as "births" in those years and which have since been absorbed by or merged with another firm are no longer included. While these businesses continue to have at least an indirect effect on employment, there is no way of accurately measuring this impact.

## THE FINDINGS: OVERALL "BIRTH" EMPLOYMENT

The data in tables 1 and 2 summarize, by industry, the surviving units and their employment in subsequent years. Table 1 shows data for firms which came into existence in 1975. Table 2 shows data for firms which came into existence in 1976.

In 1975, which was a recession year, the 13,550 new units in New Jersey employed 44,610 workers. In 1982, the surviving 4,140 units employed 37,381 workers. In 1977, however, the 1975 "birth" firms provided 51,173 jobs. The employment generated by the 1975 "births" began to decline in 1978 and was still declining in 1982.

A similar pattern exists for firms born in 1976, a year of economic recovery. In 1976, the 15,348 new units employed 52,434 workers. Total jobs peaked in 1977 at 58,689, and in 1982, the surviving 4,858 units employed 42,817 workers.

Apparently, the overall economic climate in the "birth" year is not a major influence in business "birth" development, since employment after the year of "birth" follows a similar pattern for both 1975 and 1976 "births." In both years, after initial increases which peaked within one or two years, "birth" employment began a slow but steady decline. Of course, this decline may have been exacerbated by the back-to-back recessions of 1980 and 1982, since newer companies would seem more likely to suffer from economic downturns than their more established competitors. At any rate, the 1982 employment for both the 1975 and 1976 "births" is at approximately 85% of the birth-year total.

Expressed as a percentage, 1975 business "births" provided 2.0% of total private sector employment in 1975, 2.2% in 1977, and 1.5% in 1982. The percentage shares for the 1976 "births" are comparable. The 1976 "births" provided 2.3% of 1976 private sector employment, 2.5% in 1977, and 1.7% in 1982.

While important in the short run, the preceding percentages support the hypothesis that "birth" employment is extremely significant in the longer run. Over time, the cumulative effect of new firm employment will make up a significant share of total employment in a given year. To the extent that 1975 and 1976 "births" are typical, the above numbers suggest that, in any given year, as much as 20% of employment is generated by firms which were not in existence ten years ago.

## "BIRTH" EMPLOYMENT BY INDUSTRY

As described above, the overall trend has been for new firm employment, after an increase in the first year or two, to decline slowly. However, this overall trend disguises differing trends among industries. In certain industries, the growth of surviving new firm employment has exceeded employment lost through failures of new firms. The result has been a net increase in new firm employment for those industries. For example, although there have been ups and downs in annual employment levels, mining/agriculture, transportation, communications/utilities, wholesale trade, and finance/insurance/real estate all show higher employment in 1982 than in their 1975 "birth" year. Collectively, new firms in these industries, which accounted for "birth" employment of 7,417 in 1975, provided 10,432 jobs in surving firms in 1982, an increase of 40.7%. For the same industries, new firms in 1976 provided 9,239 jobs and 11,274 jobs in 1982, despite a decline in transportation employment.

Wholesale trade and the finance/insurance/real estate industries have fared especially well. Wholesale trade employment in new firms created in 1975 increased from 3,521 in 1975 to 4,787 in 1982, an increase of 36.0%. Over the same period, finance/insurance/real estate firms established in 1975 increased their employment from 1,522 to 1,822 in 1982, an increase of 19.7%. Similar increases occurred for firms established in 1976.

New firm employment in manufacturing declined from its birth-year level. New manufacturing firms, credited in 1975 with an employment level of 7,448, were only providing 7,132 jobs in 1982. For 1976 "births," new firm manufacturing employment declined from 8,825 in the first year to 8,117 in 1982. The decrease in manufacturing "birth" employment is not surprising in light of the overall decline in manufacturing jobs from 1975 to 1982. In September 1975, there were 761,572 covered manufacturing jobs in New Jersey. In September 1982, there were only 725,706 covered manufacturing jobs. In large part, these comparisons are distorted by different phases of the business cycle. The recessionary decline in manufacturing employment bottomed out by mid-1975. Employment rose in the second half

of 1975 and maintained its level in 1976. In contrast, manufacturing employment declined severely during all of 1982 in response to the national recession.

Somewhat surprisingly, new firm employment in the service sector declined from the "birth" year to 1982. New firms provided 11,143 and 12,280 new jobs in the service sector in 1975 and 1976, respectively. In 1982, the surviving 1975 and 1976 "births" were providing 10,315 and 10,180 jobs, respectively. Since the study focused on new firms in the years 1975 and 1976, these numbers do not reflect the large growth in the service sector which resulted from the advent of casino gambling in Atlantic City in 1978. Even had post-gambling "birth" data been used, the impact of casino gambling would have been understated for technical reasons, e.g., some companies operating casinos were already in business in New Jersey. For a more detailed explanation, see *Economic Indicators*, "Business Births in New Jersey 1975-1981," July 8, 1983.

Major declines in "birth" employment occurred in the retail trade and construction industries. Collectively, these two industries dropped from 16,678 new firm employees in 1975 to 9,502 in 1982. The construction industry has been especially hard hit by the recessions and high interest rates of the past several years. Retail trade, although not as hard hit by the recent recessions, is generally characterized by ease of entry due to low initial capital costs. Accordingly, the consequences of business failure in retail trade are not as severe as in industries with higher capital costs.

The data suggest that one of the determinants of the long-run impact of "birth" employment lies in the industrial composition of the new firms. At least in recent years, new firms in wholesale trade and finance/insurance/real estate were far more likely to survive than firms in retail trade or construction.

Interestingly, however, no matter what the industry, new firms tended to employ--on average--fewer workers in 1982 than the comparable industry average, with the largest differences occurring in manufacturing and communications/public utilities. Overall, as shown in Table 3, the firms which began operations in 1975 and 1976 employed an average of 9.0 and 8.8 workers, respectively, in 1982, compared to an average of 16.9 workers for all establishments. One reason for this could be a difference in industrial mix between existing firms and new firms within major industrial sectors. To the extent that the industrial mix is similar, economies of scale and competition dictate that, over time, new firms should approximate the industry average.

## SURVIVORSHIP OF NEW FIRMS

As noted above, one of the significant determinants of the long-run impact of new firms on employment is their survivorship rate. The more new firms which can survive the hardships often encountered in the first few years of operation, the greater will be their long-run impact on future employment levels.

The probability of success of a new business firm is relatively low. A new firm has neither the established customers, the experience, nor the financial resources which are more readily available to their existing competitors.

Overall, only about one-third of the firms which began operations in 1975 and 1976 were still in business in 1982. Table 4 shows the survivorship rates, by industry, for firms "born" in 1975 and 1976. While there is significant variation by industry, even the best industries had survivorship rates of less than 50%. Somewhat surprisingly, manufacturing along with wholesale trade had the highest survivorship rate. Other sectors with high rates were finance/insurance/real estate and services. Sectors with low survivorship rates were construction and retail trade, the two sectors with the lowest level of 1982 employment relative to 1975 and 1976.

In analyzing 1982 data, the reader should keep in mind the high interest rates and the depressed economy of 1982. As mentioned previously, new and comparatively new firms are more prone to suffer the adverse consequences of a recession. Had 1982 been a better year, the survivorship rate and the employment generated by new firms might have been somewhat better.

## SUMMARY

1. Overall, 1982 employment generated by firms beginning operations in 1975 and 1976 was approximately 85% of their birth-year level. The growth pattern of new firms, with significant exceptions was that following increases in the first years after starting operations, new firm employment began a slow but steady decline.
2. New firm employment over time was strongly influenced by the industrial composition of the new firms. Firms in wholesale trade and finance/insurance/real estate fared especially well, increasing their employment from 1975 to 1982 by 31.0% and 19.7%, respectively. Conversely, major declines in "birth" employment occurred in the retail trade and construction industries. In fact, declines in these two sectors were responsible for keeping 1982 total new firm employment at approximately 85% of the birth-year level.
3. The average 1982 employment for 1975 and 1976 "birth" establishments was considerably lower than the average employment per unit for all firms. The average 1975 and 1976 "birth" firm employed 9.0 and 8.8 workers, respectively, in 1982 compared to an overall average unit size of 16.9 employees. This same pattern held true for all major industry divisions with the largest differences in manufacturing and communications/public utilities.
4. The survival rate of new firms was low. Only about one-third of the firms beginning operations in 1975 and 1976 were still operating in 1982. While there is significant variation by industry, even the best industries had survivorship rates of less than 50%.

Table 1

1975 BIRTHS
UNITS AND EMPLOYMENT[1] IN
SUBSEQUENT YEARS

| | 1975 | | 1976 | | 1977 | | 1978 | | 1979 | | 1980 | | 1981 | | 1982 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Emp. | Units | Emp. | Units | Emp. | Units | Emp. | Units | Emp. | Units | Emp. | Units | Emp. | Units | Emp. | Units |
| Mining, Agriculture | 310 | 299 | 583 | 247 | 535 | 208 | 638 | 195 | 592 | 158 | 546 | 141 | 574 | 123 | 739 | 99 |
| Construction | 4,272 | 1,927 | 5,310 | 1,475 | 4,105 | 1,144 | 3,967 | 1,006 | 3,261 | 810 | 2,775 | 691 | 2,641 | 552 | 2,278 | 449 |
| Manufacturing | 7,448 | 833 | 9,414 | 680 | 11,019 | 574 | 10,157 | 508 | 8,877 | 435 | 7,831 | 395 | 7,473 | 348 | 7,132 | 325 |
| Transportation | 1,963 | 608 | 2,332 | 448 | 2,646 | 368 | 2,761 | 337 | 2,631 | 276 | 2,272 | 240 | 2,515 | 211 | 2,637 | 186 |
| Commun. and Util. | 101 | 34 | 478 | 27 | 741 | 28 | 766 | 27 | 176 | 21 | 89 | 16 | 100 | 11 | 447 | 10 |
| Wholesale Trade | 3,521 | 1,321 | 4,682 | 1,055 | 4,873 | 902 | 5,019 | 812 | 5,173 | 723 | 4,895 | 638 | 5,022 | 589 | 4,787 | 526 |
| Retail Trade | 12,406 | 3,437 | 12,433 | 2,638 | 11,373 | 2,018 | 10,066 | 1,753 | 8,501 | 1,380 | 7,963 | 1,232 | 7,888 | 1,051 | 7,224 | 934 |
| Fin./Ins./Real Estate | 1,522 | 843 | 2,212 | 670 | 2,030 | 561 | 1,893 | 522 | 1,890 | 457 | 1,691 | 408 | 1,761 | 347 | 1,822 | 321 |
| Services[2] | 11,143 | 3,664 | 12,358 | 2,916 | 13,747 | 2,442 | 12,090 | 2,212 | 11,683 | 1,859 | 10,950 | 1,666 | 10,191 | 1,452 | 10,315 | 1,290 |
| Other[3] | 1,924 | 584 | 504 | 113 | 104 | 47 | 67 | 23 | 9 | 7 | 8 | 6 | 9 | 4 | -- | -- |
| TOTAL | 44,610 | 13,550 | 50,306 | 10,269 | 51,173 | 8,292 | 47,424 | 7,395 | 42,793 | 6,126 | 39,020 | 5,433 | 38,174 | 4,688 | 37,381 | 4,140 |

Table 2

1976 BIRTHS
UNITS AND EMPLOYMENT[1] IN
SUBSEQUENT YEARS

| | 1976 | | 1977 | | 1978 | | 1979 | | 1980 | | 1981 | | 1982 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Emp. | Units | Emp. | Units | Emp. | Units | Emp. | Units | Emp. | Units | Emp. | Units | Emp. | Units |
| Mining, Agriculture | 478 | 319 | 726 | 238 | 648 | 214 | 615 | 176 | 503 | 147 | 552 | 129 | 506 | 118 |
| Construction | 4,489 | 2,245 | 5,902 | 1,614 | 5,885 | 1,381 | 5,162 | 1,068 | 4,266 | 896 | 3,957 | 719 | 3,856 | 590 |
| Manufacturing | 8,825 | 883 | 10,264 | 707 | 9,936 | 605 | 10,471 | 529 | 9,861 | 500 | 9,765 | 431 | 8,117 | 383 |
| Transportation | 1,907 | 642 | 2,227 | 483 | 2,297 | 443 | 2,288 | 367 | 2,482 | 318 | 2,213 | 273 | 1,871 | 233 |
| Comm. and Util. | 132 | 25 | 322 | 14 | 322 | 16 | 359 | 11 | 427 | 10 | 431 | 9 | 489 | 9 |
| Wholesale Trade | 4,487 | 1,426 | 5,623 | 1,074 | 5,544 | 987 | 5,295 | 897 | 5,706 | 783 | 5,678 | 716 | 5,698 | 647 |
| Retail Trade | 13,533 | 3,711 | 17,182 | 2,566 | 12,357 | 2,143 | 11,606 | 1,715 | 10,675 | 1,471 | 10,175 | 1,201 | 9,390 | 1,036 |
| Fin./Ins./Real Estate | 2,235 | 866 | 2,471 | 660 | 2,535 | 590 | 2,880 | 512 | 2,801 | 448 | 2,850 | 362 | 2,710 | 324 |
| Services[2] | 12,280 | 4,044 | 13,498 | 3,168 | 13,403 | 2,829 | 11,872 | 2,268 | 11,223 | 1,980 | 10,924 | 1,747 | 10,180 | 1,518 |
| Other[3] | 4,068 | 1,187 | 474 | 150 | 193 | 51 | 113 | 30 | 95 | 27 | 30 | 8 | -- | -- |
| TOTAL | 52,434 | 15,348 | 58,689 | 10,674 | 53,120 | 9,259 | 50,661 | 7,573 | 48,039 | 6,580 | 46,575 | 5,595 | 42,817 | 4,858 |

[1] Except for birth-year employment, which refers to the pay period including the 12th of the month for the third month of the quarter in which the birth was identified, all subsequent employment is for the pay period including the 12th of September.
[2] Private households (SIC 88) and Elementary and Secondary Schools (SIC 821) are excluded to prevent distortions due to changes in the unemployment insurance law.
[3] This category includes establishments which could not be classified by industry. As these establishments are properly classified, they drop out of the "other" category. Therefore, comparisons over-time of this category are not economically meaningful.

SOURCE: Employer Reports
Division of Planning and Research
Division of Unemployment Insurance
New Jersey Department of Labor

Table 3

New Firms--Average
1982 Employment Per Unit

| | 1975 1/ Births | 1976 2/ Births | Overall 2/ Average |
|---|---|---|---|
| Mining and Agriculture | 7.5 | 4.3 | 7.8 |
| Construction | 5.1 | 6.5 | 8.1 |
| Manufacturing | 21.9 | 21.2 | 52.4 |
| Transportation | 14.2 3/ | 8.0 | 18.2 |
| Communications and Utilities | 44.7 | 54.3 | 89.8 |
| Wholesale Trade | 9.1 | 8.8 | 14.1 |
| Retail Trade | 7.7 | 9.1 | 13.2 |
| Finance, Insurance, and Real Estate | 5.7 | 8.4 | 14.3 |
| Services | 8.0 | 6.7 | 13.2 |
| Total | 9.0 | 8.8 | 16.9 |

1/ These columns show the average employment per unit in 1982 for the surviving 1975 and 1976 births. The calculations are based on third quarter 1982 data.

2/ The overall average represents the average employment of all firms in the industry. The calculations are based on third quarter 1982 data.

3/ The unusually high average, compared to 1976, is due to a small number of firms with high 1982 employment. Excluding employers for both 1975 and 1976 that have more than 100 employees in 1982, the averages become 10.7 and 7.4, respectively.

Table 4

Survivorship Rates

| | New Units | | Surviving Units 1982 | | Survival Rate | |
|---|---|---|---|---|---|---|
| | 1975 | 1976 | 1975 | 1976 | 1975 | 1976 |
| Mining, Agriculture | 299 | 319 | 99 | 118 | 33.1 | 37.0 |
| Construction | 1,927 | 2,245 | 449 | 590 | 23.3 | 26.3 |
| Manufacturing | 833 | 833 | 325 | 383 | 39.0 | 46.0 |
| Transportation | 608 | 642 | 186 | 233 | 30.6 | 36.3 |
| Communications and Utilities | 34 | 25 | 9 | 9 | 26.4 | 36.0 |
| Wholesale Trade | 1,321 | 1,426 | 526 | 647 | 39.8 | 45.4 |
| Retail Trade | 3,437 | 3,711 | 934 | 1,036 | 27.2 | 27.9 |
| Finance, Insurance, and Real Estate | 843 | 866 | 321 | 324 | 38.1 | 37.4 |
| Services | 3,664 | 4,044 | 1,290 | 1,518 | 35.2 | 37.5 |
| Other 1/ | 584 | 1,187 | -- | | | |
| Total | 13,550 | 15,348 | 4,140 | 4,858 | 30.6 | 31.7 |

1/ The "other" category is made up of establishments which originally could not be classified by industry. Because these firms were later classified into the proper industry, there were no survivors in this category by 1982.

# Economic Briefs

## NJ ESTIMATES TEST WELL AGAINST CENSUS

The New Jersey Department of Labor produces annual estimates of total resident population for the state's 21 counties and 567 municipalities, using methods jointly developed by the department and the U.S. Bureau of the Census. These estimates are used for the annual allocation of state income tax revenues to municipalities, for vital rates and epidemiological studies, economic development and site selection, and for various public and private planning purposes.

The local population-estimating methods used during the 1970s performed rather well in New Jersey, according to a recently published study, but several improvements were recommended and are being implemented.

This study, done by the Division of Planning and Research's Office of Demographic and Economic Analysis, evaluated a special set of 1980 county and municipal estimates which had been prepared using the estimating techniques developed in the 1970-80 period. Those estimates were compared to the actual 1980 population of each county and municipality as reported in the final U.S. Census returns. Detailed analyses of the differences between the estimates and the census counts were undertaken.

By and large, the evaluations confirmed the basic soundness of the various estimating techniques, and of the data sources that were relied upon to measure population size and/or change. For example, the study disclosed that the average percent error in estimating the 1980 population of the New Jersey counties, at 1.96%, was less than the average error in the Census Bureau's 1980 estimates of the population of the individual states (at 2.48%).

However, the study did reveal some possibilities for increasing the accuracy of the county population estimates. Changes in one of the techniques, the Ratio-Correlation Method, already have been instituted, with a more promising set of variables replacing others that were becoming more difficult to obtain and verify.

Municipal-level 1980 population estimates prepared by New Jersey's version of the Housing Unit Method were analyzed in depth and were found, on the whole, to have been at least as accurate as those prepared by the Census Bureau's Administrative Records Method. When averaged together (the procedure used by this department and the Census Bureau to produce published estimates), New Jersey's municipalities had a mean error of just 6.66% when compared to the actual 1980 population counts. Even so, potential increases in the accuracy of municipal estimates appear to be achievable, particularly for communities with substantial amounts of seasonal housing.

The study is entitled "An Evaluation of Population Estimating Techniques in New Jersey: Test of Methods Report No. 3." Copies are available from the Division of Planning and Research, Office of Demographic and Economic Analysis, CN 388, Trenton, NJ 08625.

## NJ'S UNEMPLOYMENT RATE RANKS 37TH IN US

The U.S. Department of Labor has recently released state rankings of annual average unemployment rates for the period 1979 to 1983. During this period the nation had two recession periods--January to July 1980 and July 1981 to November 1982.

The ranking of New Jersey's unemployment rate has improved steadily during the period. During 1979, which included the latter part of the expansionary period after the November 1973 to March 1975 recession, New Jersey's unemployment rate was 6.9%, the seventh highest among all states. The relative ranking of New Jersey has improved each year since 1979. By 1983, the state's jobless rate ranked 37th among all states. The state rate was also below the U.S. rate from 1981 through 1983.

Following is a year-by-year comparison.

| Year | New Jersey Rate | Ranking | U.S. Rate |
|---|---|---|---|
| 1979 | 6.9% | 7 | 5.8% |
| 1980 | 7.2 | 20 | 7.1 |
| 1981 | 7.3 | 24 | 7.6 |
| 1982 | 9.0 | 25 | 9.7 |
| 1983 | 7.8 | 37 | 9.6 |

New Jersey's improvement during this period can be largely attributed to steady growth in nonmanufacturing, particularly in the services and trade sectors. Also, New Jersey suffered less during the most recent recessions since many of the more inefficient factories closed down during the 1973-1975 recession. In addition, New Jersey's share of jobs in the most severely impacted industries such as auto manufacturing and steel is relatively small.

# STATISTICAL SECTION

SEASONAL ADJUSTMENT OF DATA

All charts, except charts I and II and where otherwise noted, contain data seasonally adjusted by the X-11 variant of the U.S. Census Bureau program; multiplicative methods have been used for all series except Series 21 which is adjusted by the additive method.

Data for 1975 and subsequent years in charts I and II have been seasonally adjusted using the ARIMA (Auto-Regressive Integrated Moving Average) method of seasonal adjustment developed by Statistics Canada.

TABLE NOTES

Preliminary and revised data are indicated by a "p" or "r" after the entry.

CHART NOTES

Unless otherwise noted, all graphs were developed with seasonally adjusted data. Some series were plotted with the following variations noted on the graph itself:

*Moving Averages.* Series where the monthly data vary erratically have been plotted with moving averages and with nonaveraged data superimposed for the most recent years.

*Ratio Scales.* Where ratio scales were used to show constant rates of change as straight lines, this has been noted; otherwise, the graph is on an arithmetic scale.

*Inverted Scales.* For series where declines are associated with economic expansion (such as unemployment and business failures) an inverted scale has been used and noted.

Since the scale of each series is determined by the volume and trend of the data time series, a graph may not be comparable to other graphs on the same or other pages of the report.

MONTHLY AVERAGES

Boxed on each graph are the monthly averages of the series data for recent years to be used as a benchmark for evaluating current monthly data.

SHADED AREAS

Periods identified by the National Bureau of Economic Research (NBER) as ones of general national contraction have been shaded. They include the periods December 1969-November 1970, November 1973-March 1975, January 1980-July 1980 and July 1981-November 1982.

SERIES SOURCES

| | |
|---|---|
| 1-16 | NJ Department of Labor<br>Division of Planning and Research |
| 17 | US Bureau of Labor Statistics |
| 18 | NJ Department of Labor<br>Division of Planning and Research |
| 19-20 | Dun & Bradstreet, Inc. |
| 21 | New Jersey Bell Telephone Company |
| 22-24 | McGraw-Hill Information Systems Company,<br>F.W. Dodge Division |
| 25-27 | NJ Department of Labor<br>Division of Planning and Research |
| 28-29 | US Bureau of the Census |
| 30 | NJ Division of Motor Vehicles |
| 31-39 | NJ Department of Labor<br>Division of Planning and Research |

SERIES NOTES

1-6 The RESIDENT LABOR FORCE INDICATORS are estimated by two different methodologies. The *official series* is based on the U.S. Bureau of Labor Statistics monthly survey of some 1,780 New Jersey households. The *unofficial series* is based on a combination of unemployment insurance claims, employer survey data, estimating formulas, and household survey benchmarks, which produce data more reliable as economic indicators.

Both data series are based upon population estimates and weights derived from the 1980 U.S. Census of Population.

*Official series* data have been adjusted to 1983 population estimates produced by the U.S. Bureau of the Census.

*Unofficial series* data have been adjusted to a 1983 benchmark.

Estimates for both series have been revised based on seasonal adjustment factors incorporating the experience of 1983.

The LABOR FORCE PARTICIPATION RATE and the EMPLOYMENT/POPULATION RATIO (Series 4 and 5) are expressed as percentages of the civilian noninstitutional population aged 16 years and over.

7-12 The ESTABLISHMENT EMPLOYMENT INDICATORS are generated from a monthly survey of employers on the number of persons who worked or received pay for any part of the pay period including the 12th of the month. The series are adjusted to March 1982 benchmarks and reflect the 1972 SIC (Standard Industrial Classification Manual) changes. See footnote on page S-31 for change in estimating state government employment.

PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (Series 8) is computed by subtracting government employment from total nonfarm payroll employment.

SERVICE-PRODUCING INDUSTRIES PAYROLL EMPLOYMENT (Series 12) includes the industries of trade, services, finance/insurance/real estate, and transportation/communications/public utilities.

13 MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS is developed from a monthly survey of employers on the number of nonsupervisory employees in the manufacturing sector who worked during or received pay for any part of the pay period including the 12th of the month. The series are adjusted to 1982 benchmarks and reflect the 1972 SIC changes.

14 MANUFACTURING WORKWEEK - PRODUCTION WORKERS is derived from a monthly survey of employment and earnings. The workweek is estimated by dividing AGGREGATE MANUFACTURING WEEKLY MANHOURS by MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS.

SERIES NOTES

15 AGGREGATE MANUFACTURING WEEKLY MANHOURS - PRODUCTION WORKERS are estimated from a monthly survey of the manhours worked by manufacturing production workers.

16 WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS are affected by premium pay, shift differentials, piecework and incentive payments, length of workweek, and other factors. Data are not seasonally adjusted.

17 The CONSUMER PRICE INDEX (CPI) measures the change in prices of a fixed market basket of goods and services purchased by urban workers. The index represents price changes for everything people buy for living -- food, clothing, automobiles, homes, furnishings, fuel, drugs; fees to doctors, lawyers, and beauty shops; and rent, repair costs, transportation fares, public utility rates, etc. All taxes (sales, excise, real estate, etc.) directly associated with the purchase and continued ownership of an item are included in the price. Income and other personal taxes not associated with prices of specific goods are excluded.

The data series reproduced in the report are the *Urban Wage Earners and Clerical Workers* series (CPI-W).

The U.S. CPI is the *U.S. City Average*.

The N.Y. CPI is for the *New York, N.Y.-Northeastern New Jersey* area which includes in New Jersey: Bergen, Essex, Hudson, Middlesex, Morris, Passaic, Somerset, and Union counties; and in New York: New York City, Nassau, Rockland, Suffolk, and Westchester counties.

The Phila. CPI is for the *Philadelphia, Pa.-New Jersey* area which includes in New Jersey: Burlington, Camden, and Gloucester counties; and in Pennsylvania Bucks, Chester, Delaware, Montgomery, and Philadelphia counties.

Questions on the use of the CPI should be addressed to the U.S. Bureau of Labor Statistics offices in New York City (212) 944-3121 or in Philadelphia (215) 596-1154.

THERE IS NO NEW JERSEY CONSUMER PRICE INDEX NOR COST OF-LIVING INDEX.

18 NET SPENDABLE EARNINGS are calculated by adjusting gross average weekly earnings for the effects of state and federal taxes and inflation. Federal tax adjustments are made by the New Jersey Department of Labor according to a formula previously developed by the U.S. Department of Labor. Inflation adjust-

ments are based on the average *Consumer Price Index for Urban Wage Earners and Clerical Workers* in the New York -Northeastern New Jersey and the Philadelphia-New Jersey areas. The data are not seasonally adjusted.

21 The NET GAIN IN BUSINESS TELEPHONES data series has been discontinued. See note on page S-16 for explanation. A new General Business Indicator series will be published beginning next month.

22-24 The CONSTRUCTION CONTRACTS INDICATORS are proprietary data provided by special permission of the F.W. Dodge Division, McGraw-Hill Information Systems Company.

The cumulative data presented in the table on page 3 are not the sum of the data contained in series 22, 23, and 24. The cumulative data contain retroactive revisions not attributed to a specific month. Due to an atypically large revision, retroactive to June 1980, the 1981 year-to-year cumulative comparisons of residential construction contracts show a decline not reflected in Series 22 and 23. These unadjusted data are published as received from F.W. Dodge.

TOTAL CONSTRUCTION CONTRACTS AWARDED (Series 22) is not the sum of the published components; it also includes heavy engineering contracts. Series 22 was seasonally adjusted independently and is not the sum of the seasonally adjusted components. For this reason, in some months, the published components may add up to more than the total contracts data (Series 22).

25-27 The RESIDENTIAL BUILDING PERMITS INDICATORS are compiled as of the fifth day of the second following month and are not revised as subsequent reports are received. Since the reports from all New Jersey municipalities are never received by the cutoff date, preliminary figures are used for both the current and the historical series in order to ensure comparability. Final monthly data incorporating late reports appear in the annual summaries of *New Jersey Residential Building Permits*, published by the Division of Planning and Research.

DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (Series 25) data were seasonally adjusted independently and are not the sum of the seasonally adjusted components. For this reason, in some months, the published components may add up to more than the total (Series 25) data.

DWELLING UNITS (5 OR MORE) AUTHORIZED BY BUILDING PERMITS (Series 27) include all multifamily structures with five or more units, except those in public housing.

28-29 The figures prior to 1970 for SALES OF RETAIL STORES were adjusted by the New Jersey Department of Labor to account



for sample revisions introduced in 1968 by the U.S. Census Bureau.

SALES OF RETAIL STORES IN 1967 DOLLARS (Series 29) has been deflated by the "commodities only" component of the average New York-Northeastern New Jersey and Philadelphia-New Jersey *Consumer Price Index for All Urban Consumers*.

31-32 The decline in the numbers of nonfarm job openings received and placements made by the Employment Service since June 1983 is attributable to the closing at the end of the last school year of the Teachers Registry, a substitute teachers placement service. Accordingly, caution should be used in interpreting these data and in making comparisons with earlier figures.

33 WEEKS CLAIMED - WEEKLY AVERAGE is computed by dividing the total number of weeks claimed (intrastate and interstate agent under Regular UI program only) in the month by the number of weeks in the month.

34 The INSURED UNEMPLOYMENT RATE (IUR) is a weekly average of claimants (intrastate and interstate agent claims under the regular state program only) as a percent of the estimated covered employment.

The current INSURED UNEMPLOYMENT RATE data may not be comparable with earlier data. Beginning with the IUR statistics for the fourth quarter of 19[illegible] the covered employment denominator was inflated by an extension of coverage to approximately 430,000 additional workers which has produced an artificial "deflation" of the IUR statistics. The expanded coverage was phased into the calculations of the official IUR formula in four approximately equal steps effective in October 1978 and in January, April, and July 1979.

35 The INITIAL CLAIMS WEEKLY AVERAGE represents intrastate and interstate agent claims under the regular state program only.

36 The UNEMPLOYMENT INSURANCE EXHAUSTIONS are from the regular state program only.

37-39 The industry INSURED UNEMPLOYMENT data are derived from a three percent sample of all claimants under the regular state unemployment insurance program. The data reflect the number of insured unemployed during the week containing the 12th of the month, although the data are a count of the claims filed during the week containing the 19th of the month.

INSURED UNEMPLOYMENT IN SERVICE PRODUCING INDUSTRIES (Series 39) includes the industries of transportation/communications/public utilities, trade, finance/insurance/real estate, and services.

TABLE I RESIDENT LABOR FORCE INDICATORS - I

1. CIVILIAN LABOR FORCE (000) Seasonally Adjusted Data

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. |
| Jan | 3,608 | 3,580 | 3,583 | 3,610 | 3,603 | 3,636 | 3,774 | 3,730 |
| Feb | 3,587 | 3,581 | 3,552 | 3,599 | 3,615 | 3,656 | | |
| Mar | 3,632 | 3,573 | 3,611 | 3,595 | 3,598 | 3,652 | | |
| Apr | 3,629 | 3,579 | 3,634 | 3,602 | 3,644 | 3,646 | | |
| May | 3,607 | 3,567 | 3,641 | 3,618 | 3,589 | 3,651 | | |
| Jun | 3,580 | 3,571 | 3,613 | 3,621 | 3,650 | 3,657 | | |
| Jul | 3,562 | 3,580 | 3,625 | 3,614 | 3,659 | 3,643 | | |
| Aug | 3,549 | 3,582 | 3,626 | 3,619 | 3,701 | 3,653 | | |
| Sep | 3,535 | 3,588 | 3,634 | 3,635 | 3,695 | 3,655 | | |
| Oct | 3,584 | 3,581 | 3,637 | 3,639 | 3,661 | 3,662 | | |
| Nov | 3,569 | 3,589 | 3,664 | 3,652 | 3,685 | 3,681 | | |
| Dec | 3,532 | 3,597 | 3,609 | 3,639 | 3,762 | 3,667 | | |

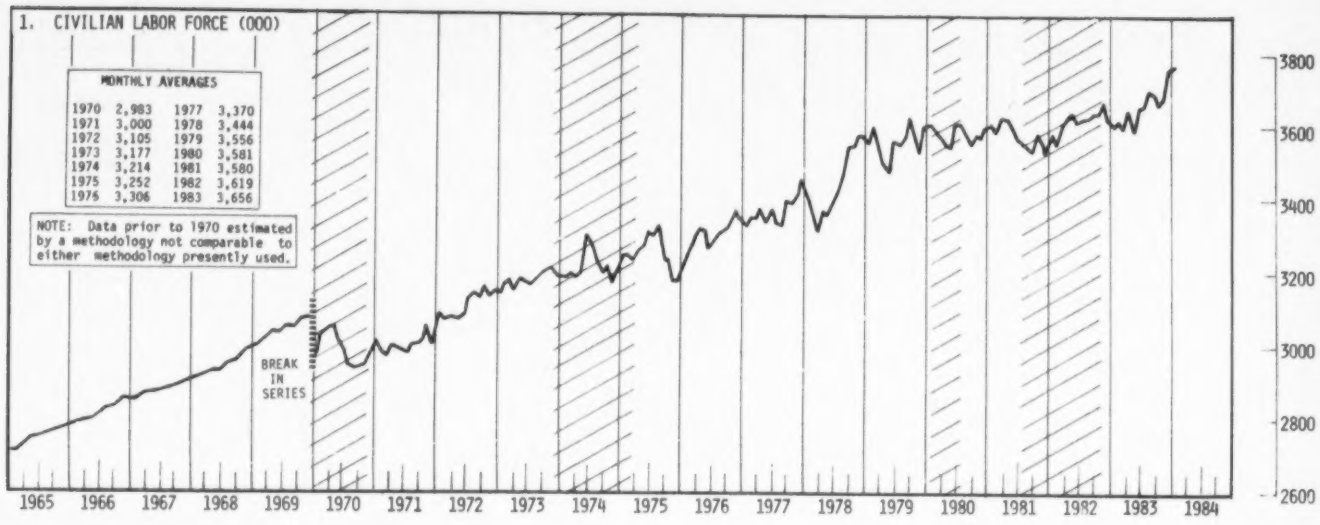
2. RESIDENT EMPLOYMENT (000) Seasonally Adjusted Data

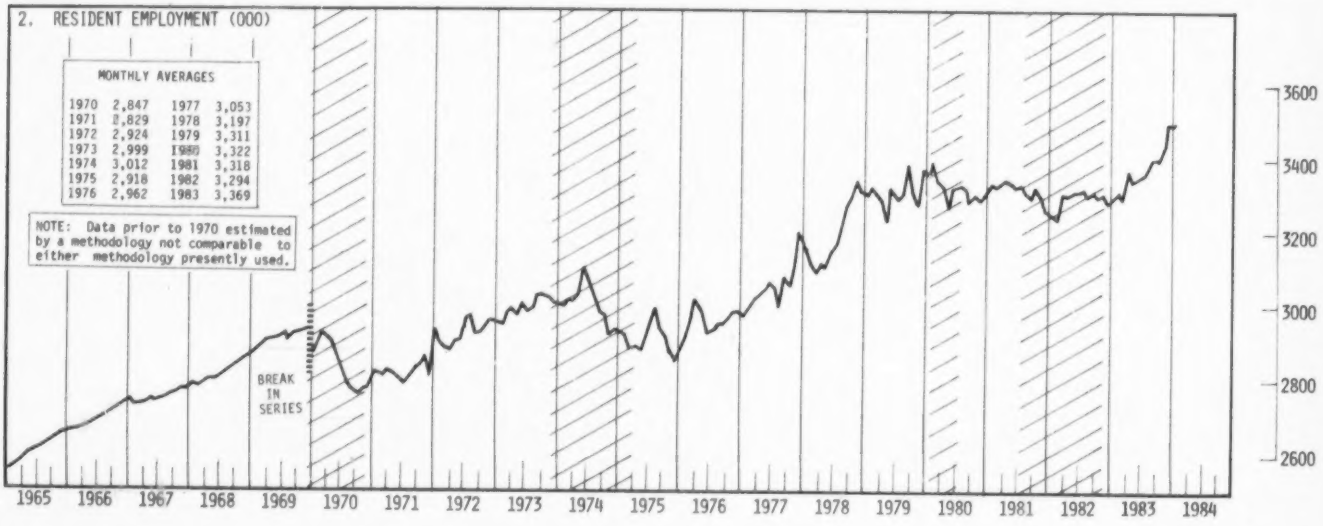
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. |
| Jan | 3,335 | 3,318 | 3,248 | 3,302 | 3,298 | 3,320 | 3,503 | 3,484 |
| Feb | 3,329 | 3,321 | 3,240 | 3,293 | 3,305 | 3,335 | | |
| Mar | 3,338 | 3,315 | 3,303 | 3,283 | 3,297 | 3,340 | | |
| Apr | 3,347 | 3,322 | 3,303 | 3,280 | 3,365 | 3,345 | | |
| May | 3,341 | 3,314 | 3,310 | 3,293 | 3,339 | 3,355 | | |
| Jun | 3,324 | 3,316 | 3,312 | 3,295 | 3,347 | 3,361 | | |
| Jul | 3,329 | 3,323 | 3,323 | 3,286 | 3,355 | 3,370 | | |
| Aug | 3,306 | 3,320 | 3,302 | 3,290 | 3,378 | 3,380 | | |
| Sep | 3,296 | 3,324 | 3,308 | 3,296 | 3,398 | 3,389 | | |
| Oct | 3,322 | 3,317 | 3,301 | 3,298 | 3,405 | 3,401 | | |
| Nov | 3,302 | 3,315 | 3,305 | 3,304 | 3,428 | 3,414 | | |
| Dec | 3,260 | 3,310 | 3,278 | 3,309 | 3,503 | 3,417 | | |

3. UNEMPLOYMENT (000) Seasonally Adjusted Data

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. |
| Jan | 273 | 262 | 335 | 308 | 305 | 316 | 271 | 246 |
| Feb | 258 | 260 | 312 | 306 | 310 | 321 | | |
| Mar | 294 | 258 | 308 | 313 | 301 | 312 | | |
| Apr | 282 | 257 | 331 | 322 | 279 | 301 | | |
| May | 266 | 253 | 331 | 325 | 250 | 297 | | |
| Jun | 256 | 255 | 301 | 326 | 303 | 296 | | |
| Jul | 233 | 257 | 302 | 328 | 304 | 272 | | |
| Aug | 243 | 262 | 324 | 329 | 323 | 273 | | |
| Sep | 239 | 264 | 326 | 339 | 297 | 266 | | |
| Oct | 262 | 264 | 336 | 341 | 256 | 262 | | |
| Nov | 267 | 274 | 359 | 347 | 257 | 267 | | |
| Dec | 272 | 287 | 331 | 330 | 259 | 249 | | |

## CHART I RESIDENT LABOR FORCE INDICATORS – I



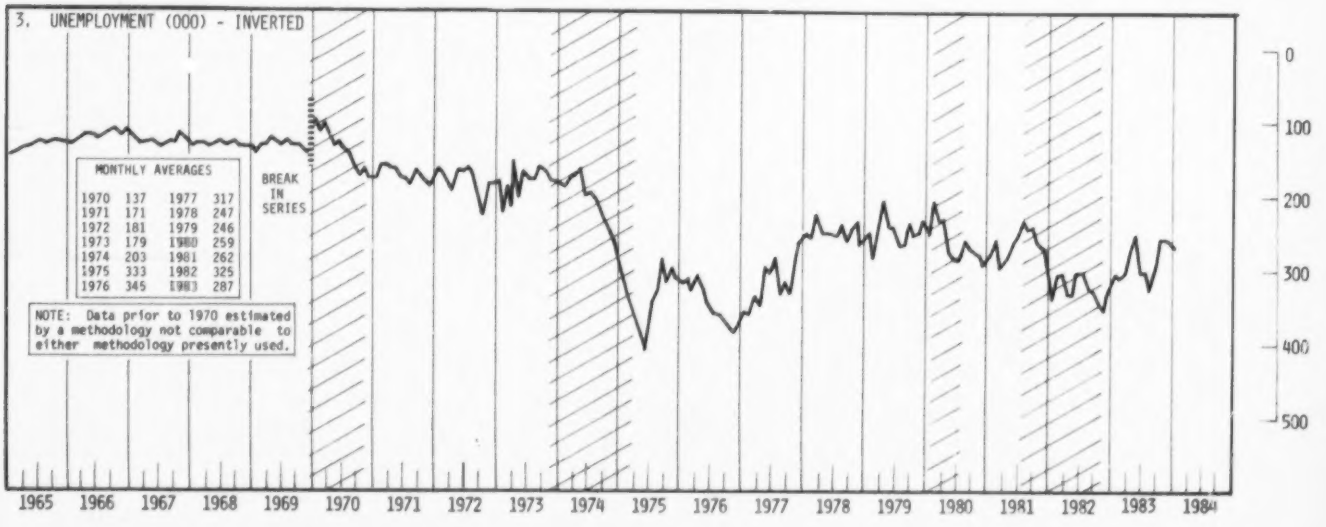



TABLE II RESIDENT LABOR FORCE INDICATORS - II

4. LABOR FORCE PARTICIPATION RATE (%) Seasonally Adjusted Data

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. |
| Jan | 64.3 | 63.8 | 63.2 | 63.7 | 62.9 | 63.5 | 65.3 | 64.6 |
| Feb | 63.8 | 63.7 | 62.6 | 63.4 | 63.1 | 63.8 | | |
| Mar | 64.6 | 63.5 | 63.6 | 63.3 | 62.7 | 63.7 | | |
| Apr | 64.5 | 63.6 | 64.0 | 63.4 | 63.5 | 63.5 | | |
| May | 64.0 | 63.3 | 64.0 | 63.6 | 62.5 | 63.6 | | |
| Jun | 63.5 | 63.3 | 63.5 | 63.6 | 63.5 | 63.6 | | |
| Jul | 63.1 | 63.4 | 63.7 | 63.5 | 63.6 | 63.3 | | |
| Aug | 62.8 | 63.4 | 63.6 | 63.5 | 64.3 | 63.4 | | |
| Sep | 62.5 | 63.5 | 63.7 | 63.7 | 64.1 | 63.4 | | |
| Oct | 63.3 | 63.3 | 63.7 | 63.7 | 63.5 | 63.5 | | |
| Nov | 63.0 | 63.4 | 64.1 | 63.9 | 63.9 | 63.8 | | |
| Dec | 62.3 | 63.5 | 63.1 | 63.6 | 65.2 | 63.5 | | |

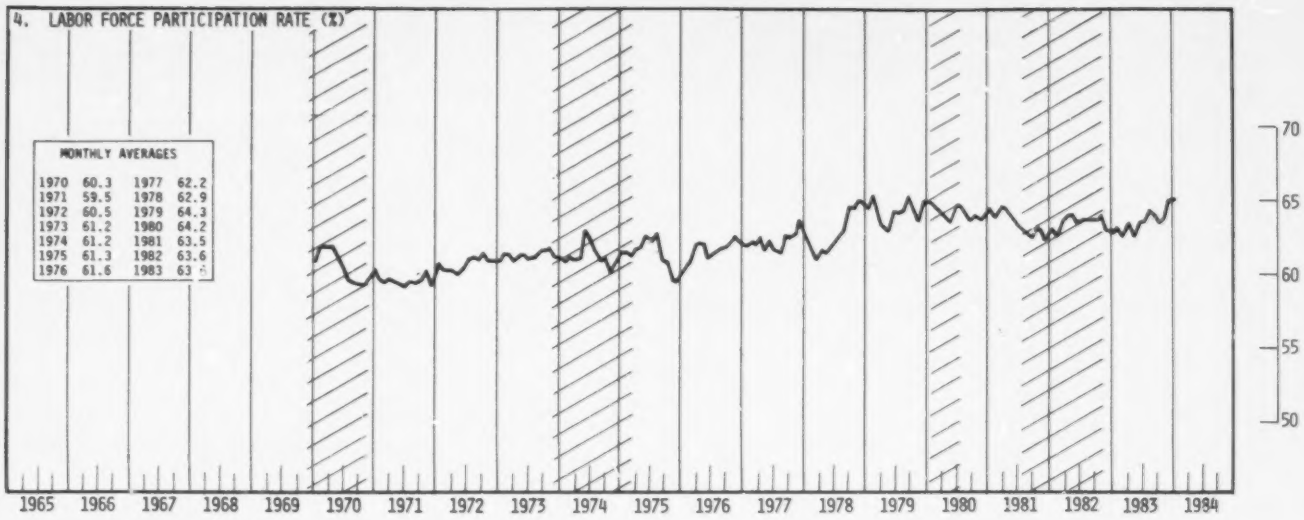
5. EMPLOYMENT/POPULATION RATIO (%) Seasonally Adjusted Data

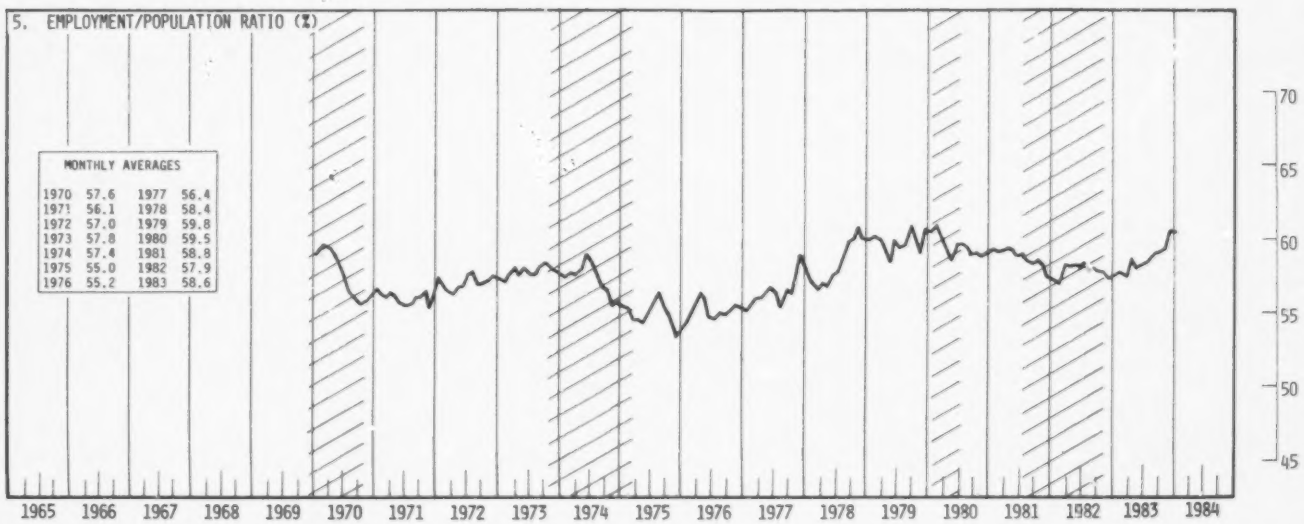
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. |
| Jan | 59.4 | 59.1 | 57.3 | 58.2 | 57.6 | 58.0 | 60.6 | 60.3 |
| Feb | 59.2 | 59.1 | 57.1 | 58.0 | 57.7 | 58.2 | | |
| Mar | 59.3 | 58.9 | 58.2 | 57.8 | 57.5 | 58.2 | | |
| Apr | 59.4 | 59.0 | 58.1 | 57.7 | 58.6 | 58.3 | | |
| May | 59.3 | 58.8 | 58.2 | 57.9 | 58.1 | 58.4 | | |
| Jun | 58.9 | 58.8 | 58.2 | 57.9 | 58.2 | 58.5 | | |
| Jul | 59.0 | 58.8 | 58.4 | 57.7 | 58.3 | 58.6 | | |
| Aug | 58.5 | 58.7 | 57.9 | 57.7 | 58.7 | 58.7 | | |
| Sep | 58.3 | 58.8 | 58.0 | 57.8 | 59.0 | 58.8 | | |
| Oct | 58.7 | 58.6 | 57.8 | 57.8 | 59.1 | 59.0 | | |
| Nov | 58.3 | 58.5 | 57.8 | 57.8 | 59.4 | 59.2 | | |
| Dec | 57.5 | 58.4 | 57.3 | 57.9 | 60.7 | 59.2 | | |

6. UNEMPLOYMENT RATE (%) Seasonally Adjusted Data

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Off. | Unoff | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. |
| Jan | 7.6 | 7.3 | 9.3 | 8.5 | 8.5 | 8.7 | 7.2 | 6.6 |
| Feb | 7.2 | 7.3 | 8.8 | 8.5 | 8.6 | 8.8 | | |
| Mar | 8.1 | 7.2 | 8.5 | 8.7 | 8.4 | 8.5 | | |
| Apr | 7.8 | 7.2 | 9.1 | 8.9 | 7.7 | 8.2 | | |
| May | 7.4 | 7.1 | 9.1 | 9.0 | 7.0 | 8.1 | | |
| Jun | 7.2 | 7.1 | 8.3 | 9.0 | 8.3 | 8.1 | | |
| Jul | 6.5 | 7.2 | 8.3 | 9.1 | 8.3 | 7.5 | | |
| Aug | 6.8 | 7.3 | 8.9 | 9.1 | 8.7 | 7.5 | | |
| Sep | 6.8 | 7.4 | 9.0 | 9.3 | 8.0 | 7.3 | | |
| Oct | 7.3 | 7.4 | 9.2 | 9.4 | 7.0 | 7.1 | | |
| Nov | 7.5 | 7.6 | 9.8 | 9.5 | 7.0 | 7.2 | | |
| Dec | 7.7 | 8.0 | 9.2 | 9.1 | 6.9 | 6.8 | | |

## CHART II RESIDENT LABOR FORCE INDICATORS – II



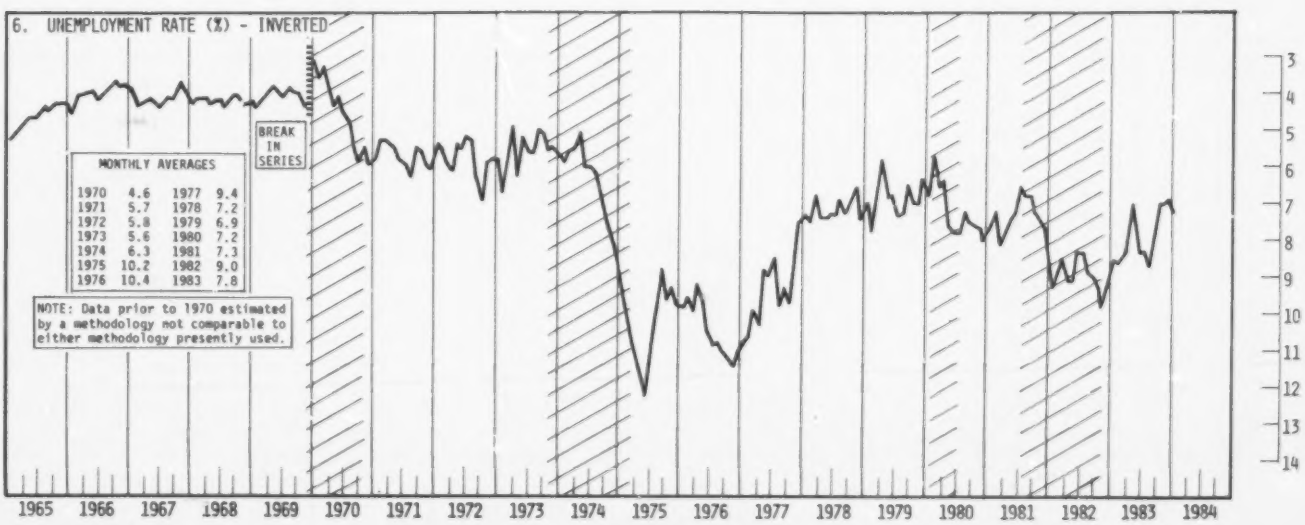



TABLE III ESTABLISHMENT EMPLOYMENT INDICATORS - I

7. NONFARM PAYROLL EMPLOYMENT (000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 3018.1 | 3083.3 | 3035.7 | 3100.7 | 3016.2 | 3081.1 | 3110.1p | 3179.3p |
| Feb | 3018.6 | 3087.9 | 3020.7 | 3089.1 | 3014.1 | 3082.7 | | |
| Mar | 3044.1 | 3090.2 | 3037.2 | 3083.1 | 3032.5 | 3078.5 | | |
| Apr | 3081.4 | 3099.9 | 3063.8 | 3082.5 | 3059.0 | 3078.1 | | |
| May | 3094.8 | 3088.5 | 3090.8 | 3085.4 | 3085.0 | 3079.5 | | |
| Jun | 3147.3 | 3092.2 | 3142.4 | 3088.4 | 3132.8 | 3078.6 | | |
| Jul | 3148.2 | 3102.3 | 3126.4 | 3079.6 | 3134.5 | 3087.2 | | |
| Aug | 3146.2 | 3102.7 | 3126.8 | 3083.5 | 3123.2 | 3079.7 | | |
| Sep | 3126.5 | 3113.5 | 3099.3 | 3088.6 | 3124.4 | 3113.4 | | |
| Oct | 3120.9 | 3108.9 | 3095.5 | 3085.1 | 3135.8 | 3125.1 | | |
| Nov | 3119.6 | 3106.1 | 3094.0 | 3083.1 | 3147.9 | 3136.5 | | |
| Dec | 3111.5 | 3101.8 | 3089.6 | 3080.4 | 3151.7r | 3142.1r | | |

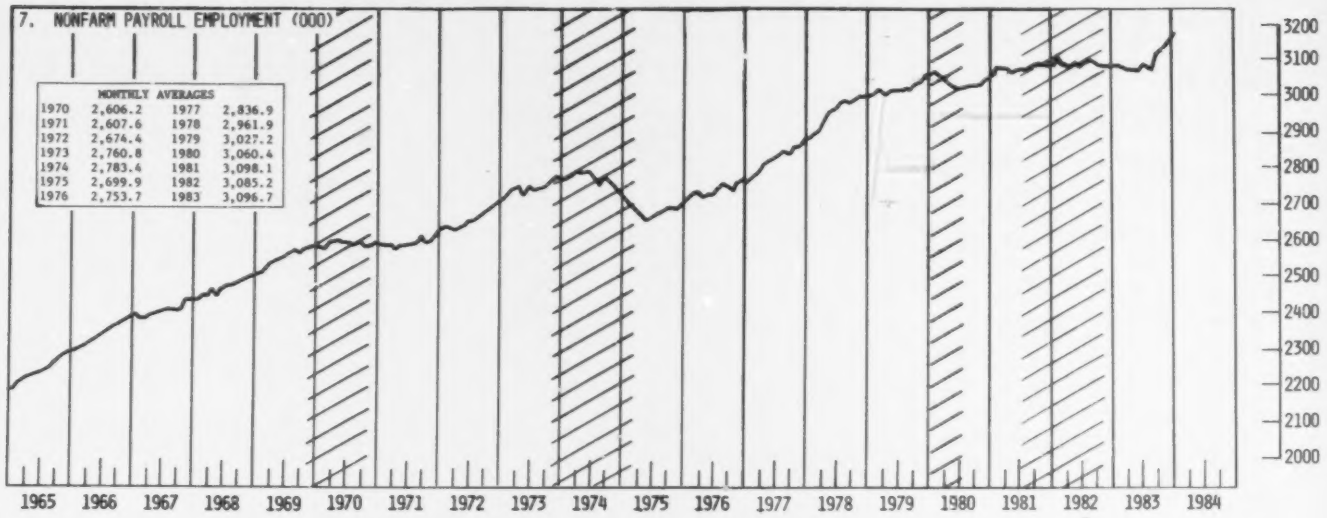
8. PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (000)

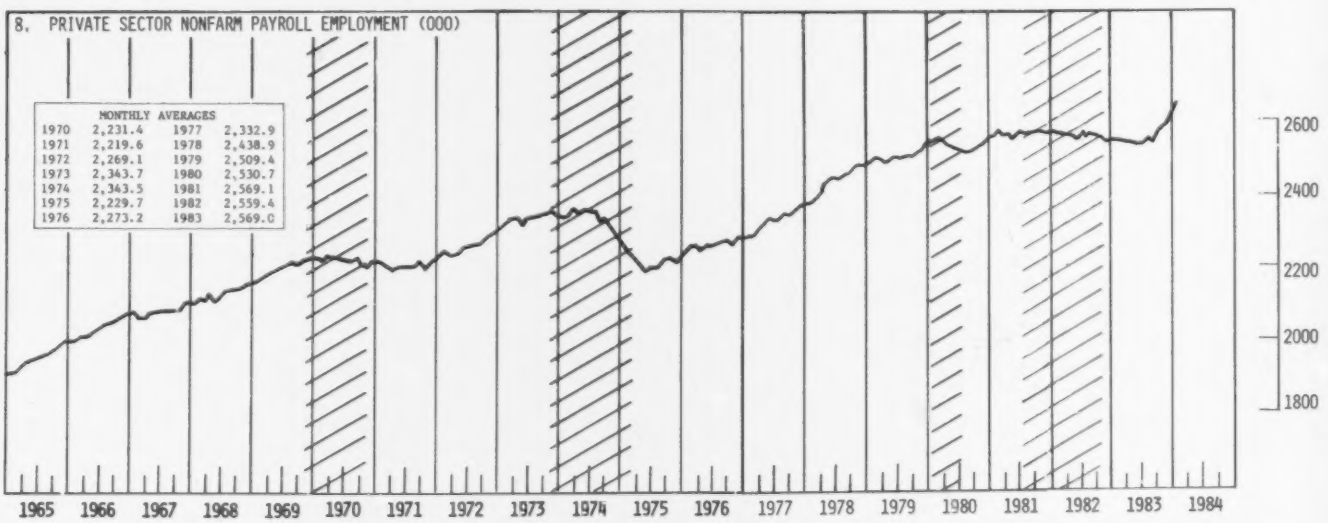
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 2488.8 | 2551.2 | 2506.0 | 2568.1 | 2493.3 | 2555.3 | 2580.8p | 2647.1p |
| Feb | 2486.6 | 2555.8 | 2496.0 | 2564.3 | 2486.5 | 2555.0 | | |
| Mar | 2509.4 | 2557.7 | 2507.9 | 2556.0 | 2502.3 | 2550.5 | | |
| Apr | 2548.9 | 2569.5 | 2535.0 | 2555.8 | 2530.0 | 2551.2 | | |
| May | 2563.8 | 2559.7 | 2560.5 | 2557.2 | 2556.0 | 2552.6 | | |
| Jun | 2615.5 | 2565.7 | 2609.7 | 2561.1 | 2600.2 | 2551.4 | | |
| Jul | 2619.8 | 2582.5 | 2598.3 | 2559.8 | 2606.8 | 2568.0 | | |
| Aug | 2624.6 | 2581.9 | 2605.3 | 2562.8 | 2601.4 | 2558.7 | | |
| Sep | 2617.5 | 2584.8 | 2592.0 | 2561.1 | 2611.3 | 2579.9 | | |
| Oct | 2594.1 | 2578.7 | 2573.7 | 2559.9 | 2607.1 | 2592.8 | | |
| Nov | 2584.5 | 2573.7 | 2566.8 | 2558.3 | 2613.3 | 2604.4 | | |
| Dec | 2575.4 | 2567.9 | 2561.7 | 2554.5 | 2617.0r | 2609.4r | | |

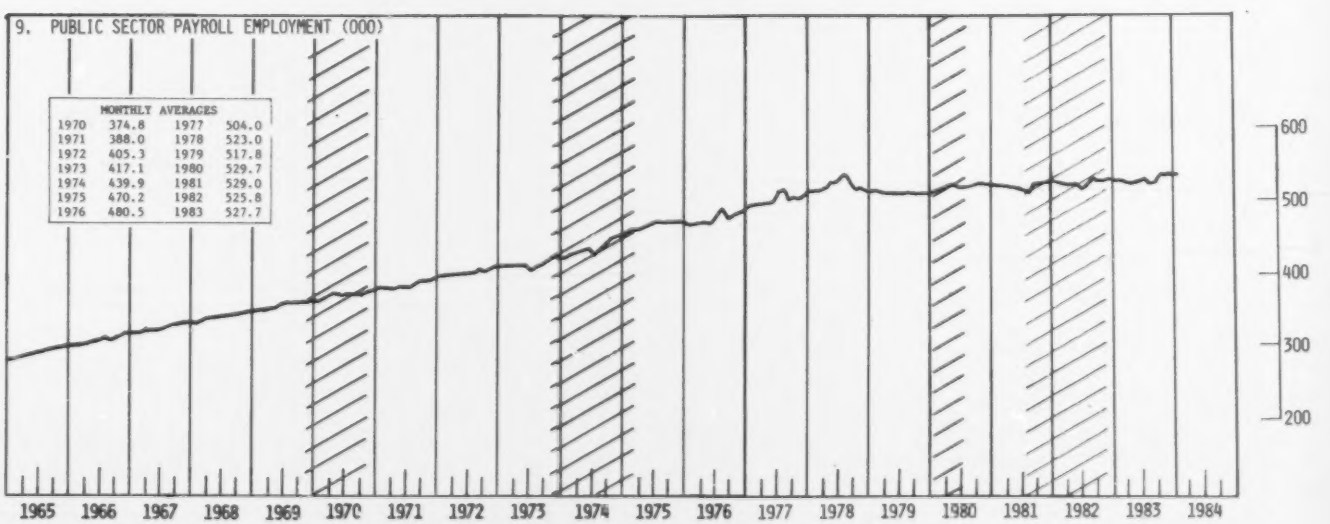
9. PUBLIC SECTOR PAYROLL EMPLOYMENT (000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj | Adj. |
| Jan | 529.3 | 532.1 | 529.7 | 532.6 | 522.9 | 525.8 | 529.3p | 532.2p |
| Feb | 532.0 | 532.1 | 524.7 | 524.8 | 527.6 | 527.7 | | |
| Mar | 534.7 | 532.5 | 529.3 | 527.1 | 530.2 | 528.0 | | |
| Apr | 532.5 | 530.4 | 528.8 | 526.7 | 529.0 | 526.9 | | |
| May | 531.0 | 528.8 | 530.3 | 528.2 | 529.0 | 526.9 | | |
| Jun | 531.8 | 526.5 | 532.7 | 527.3 | 532.6 | 527.2 | | |
| Jul | 528.4 | 519.8 | 528.1 | 519.8 | 527.7 | 519.2 | | |
| Aug | 521.6 | 520.8 | 521.5 | 520.7 | 521.8 | 521.0 | | |
| Sep | 509.0 | 528.7 | 507.3 | 527.5 | 513.1 | 533.5 | | |
| Oct | 526.8 | 530.2 | 521.8 | 525.2 | 528.7 | 532.3 | | |
| Nov | 535.1 | 532.4 | 527.2 | 524.8 | 534.6 | 532.1 | | |
| Dec | 536.1 | 533.9 | 527.9 | 525.9 | 534.7r | 532.7r | | |

## CHART III ESTABLISHMENT EMPLOYMENT INDICATORS – I



## TABLE IV ESTABLISHMENT EMPLOYMENT INDICATORS - II

### 10. MANUFACTURING PAYROLL EMPLOYMENT (000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 761.3 | 773.4 | 737.1 | 748.6 | 699.0 | 710.0 | 711.6p | 723.2p |
| Feb | 764.3 | 772.6 | 740.1 | 747.7 | 700.5 | 707.5 | | |
| Mar | 768.8 | 771.4 | 737.9 | 740.3 | 702.8 | 705.0 | | |
| Apr | 770.6 | 773.4 | 732.2 | 735.0 | 702.7 | 705.8 | | |
| May | 774.9 | 774.8 | 731.2 | 731.8 | 703.5 | 704.0 | | |
| Jun | 784.6 | 774.1 | 736.1 | 726.8 | 708.8 | 699.6 | | |
| Jul | 770.6 | 776.5 | 718.8 | 723.8 | 703.9 | 709.0 | | |
| Aug | 776.2 | 775.1 | 726.9 | 726.2 | 711.0 | 710.3 | | |
| Sep | 783.1 | 773.1 | 728.1 | 719.2 | 717.0 | 708.1 | | |
| Oct | 775.5 | 767.7 | 721.9 | 715.2 | 719.6 | 712.5 | | |
| Nov | 766.1 | 761.7 | 716.0 | 712.9 | 719.0 | 715.4 | | |
| Dec | 751.9 | 755.1 | 705.9 | 708.9 | 713.0r | 716.0r | | |

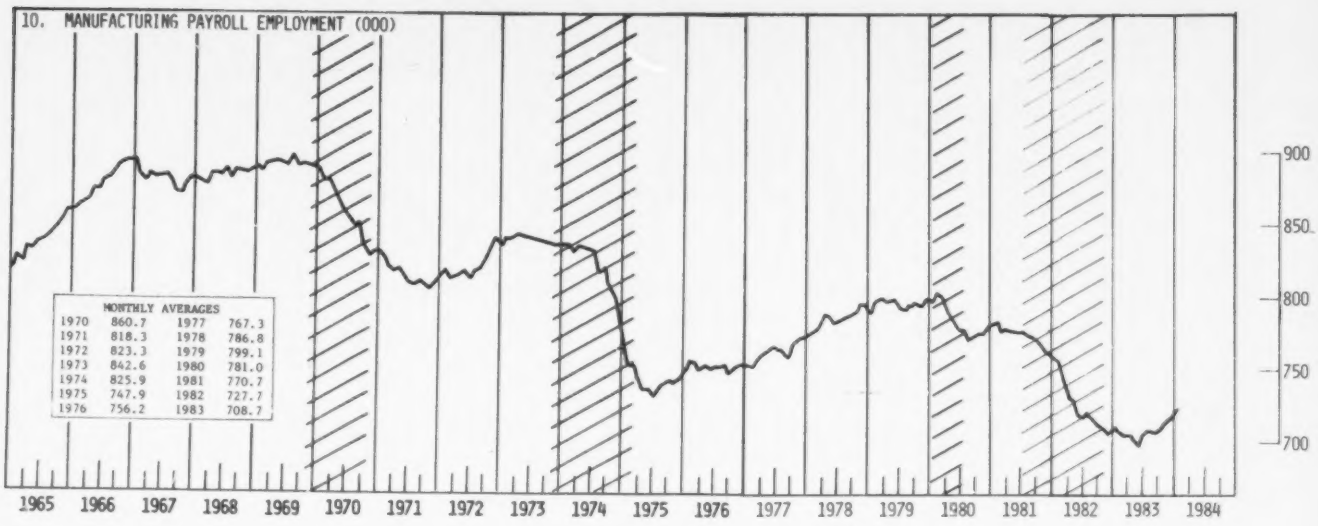
### 11. CONSTRUCTION PAYROLL EMPLOYMENT (000)

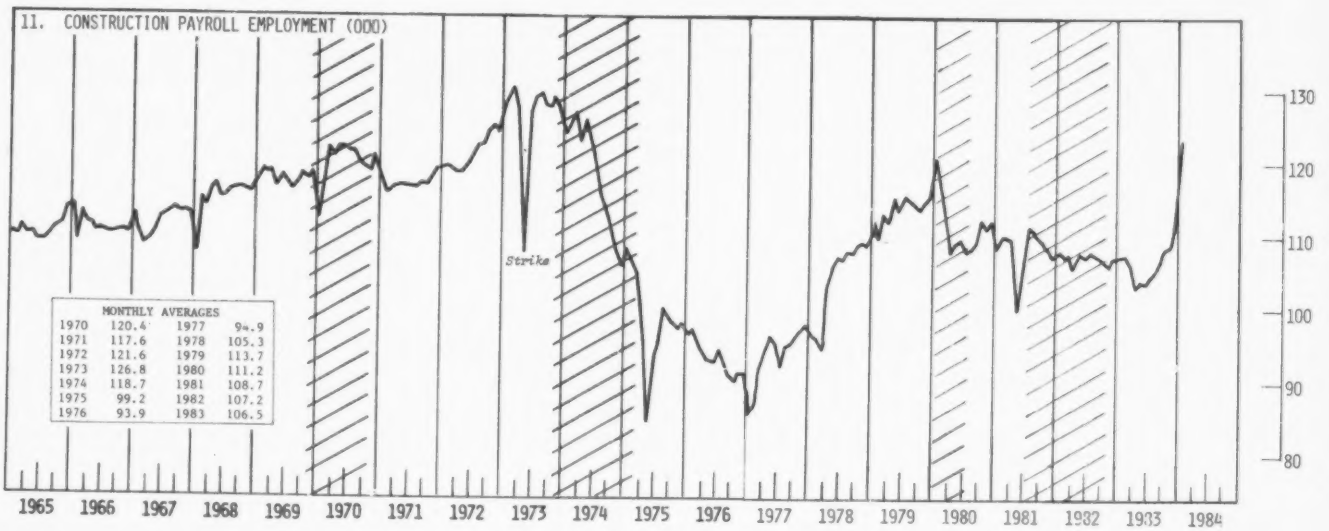
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 93.2 | 107.6 | 93.7 | 108.1 | 93.3 | 107.6 | 106.9p | 123.3p |
| Feb | 92.5 | 109.6 | 90.9 | 107.5 | 91.2 | 107.8 | | |
| Mar | 97.5 | 109.7 | 95.7 | 107.7 | 94.9 | 106.7 | | |
| Apr | 107.8 | 110.7 | 103.1 | 106.1 | 100.2 | 103.1 | | |
| May | 100.7 | 100.2 | 108.4 | 108.0 | 104.2 | 103.8 | | |
| Jun | 111.7 | 106.6 | 112.3 | 107.5 | 108.3 | 103.7 | | |
| Jul | 120.6 | 112.3 | 115.5 | 107.6 | 112.4 | 104.7 | | |
| Aug | 119.9 | 111.0 | 115.8 | 107.2 | 114.3 | 105.8 | | |
| Sep | 118.0 | 110.4 | 114.3 | 107.0 | 113.8 | 106.5 | | |
| Oct | 116.6 | 109.2 | 113.8 | 106.6 | 115.7 | 108.3 | | |
| Nov | 115.7 | 109.0 | 113.0 | 106.3 | 115.4 | 108.5 | | |
| Dec | 110.3 | 107.7 | 109.9 | 107.1 | 114.5r | 111.5r | | |

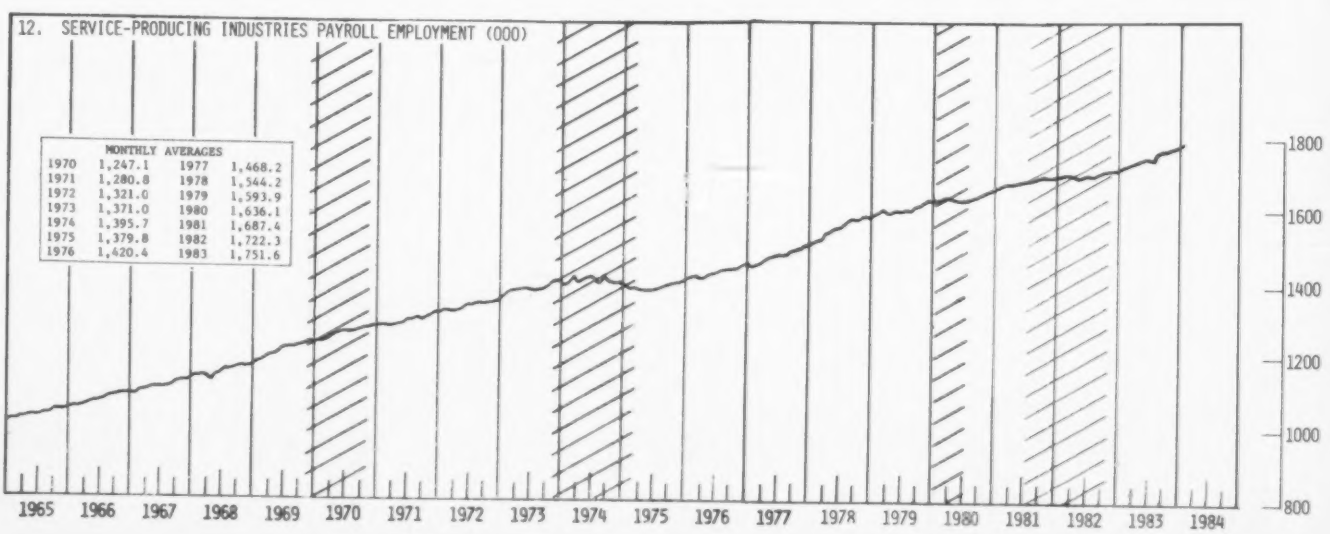
### 12. SERVICE-PRODUCING INDUSTRIES PAYROLL EMPLOYMENT (000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 1632.1 | 1667.8 | 1673.2 | 1709.3 | 1699.0 | 1735.6 | 1760.2p | 1798.3p |
| Feb | 1627.6 | 1671.2 | 1663.1 | 1707.0 | 1692.8 | 1737.5 | | |
| Mar | 1640.9 | 1674.2 | 1672.3 | 1706.0 | 1702.6 | 1736.8 | | |
| Apr | 1668.3 | 1683.2 | 1697.5 | 1712.5 | 1724.9 | 1740.1 | | |
| May | 1686.0 | 1682.4 | 1718.6 | 1715.1 | 1746.1 | 1742.6 | | |
| Jun | 1716.9 | 1682.8 | 1758.9 | 1724.6 | 1780.8 | 1745.9 | | |
| Jul | 17 .1 | 1691.3 | 1761.9 | 1726.2 | 1788.2 | 1752.0 | | |
| Aug | 1726.1 | 1693.5 | 1760.3 | 1727.2 | 1773.8 | 1740.4 | | |
| Sep | 1713.9 | 1699.0 | 1747.3 | 1732.7 | 1778.2 | 1763.1 | | |
| Oct | 1699.8 | 1699.5 | 1735.8 | 1735.9 | 1769.6 | 1769.8 | | |
| Nov | 1700.5 | 1700.8 | 1735.6 | 1736.9 | 1776.6 | 1778.2 | | |
| Dec | 1711.1 | 1703.0 | 1743.7 | 1736.3 | 1787.2r | 1779.6r | | |

## CHART IV ESTABLISHMENT EMPLOYMENT INDICATORS – II



## TABLE V PRODUCTION WORKERS INDICATORS

### 13. MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS (000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 498.8 | 507.0 | 474.3 | 482.0 | 433.4 | 440.4 | 447.4p | 454.7p |
| Feb | 500.8 | 505.6 | 474.6 | 479.1 | 436.4 | 440.5 | | |
| Mar | 503.5 | 504.8 | 472.2 | 473.3 | 438.2 | 439.3 | | |
| Apr | 503.9 | 506.6 | 465.6 | 468.2 | 437.9 | 440.4 | | |
| May | 506.9 | 507.3 | 464.4 | 465.0 | 439.1 | 439.6 | | |
| Jun | 514.9 | 508.6 | 465.8 | 460.2 | 442.7 | 437.4 | | |
| Jul | 502.2 | 510.4 | 451.6 | 458.9 | 439.5 | 446.6 | | |
| Aug | 506.6 | 508.3 | 458.4 | 460.1 | 443.8 | 445.4 | | |
| Sep | 514.3 | 505.0 | 461.3 | 452.9 | 449.3 | 441.1 | | |
| Oct | 507.5 | 499.6 | 455.9 | 448.9 | 453.1 | 446.2 | | |
| Nov | 498.4 | 493.7 | 449.8 | 445.9 | 452.5 | 448.6 | | |
| Dec | 478.9 | 479.9 | 441.2 | 442.3 | 447.2r | 448.3r | | |

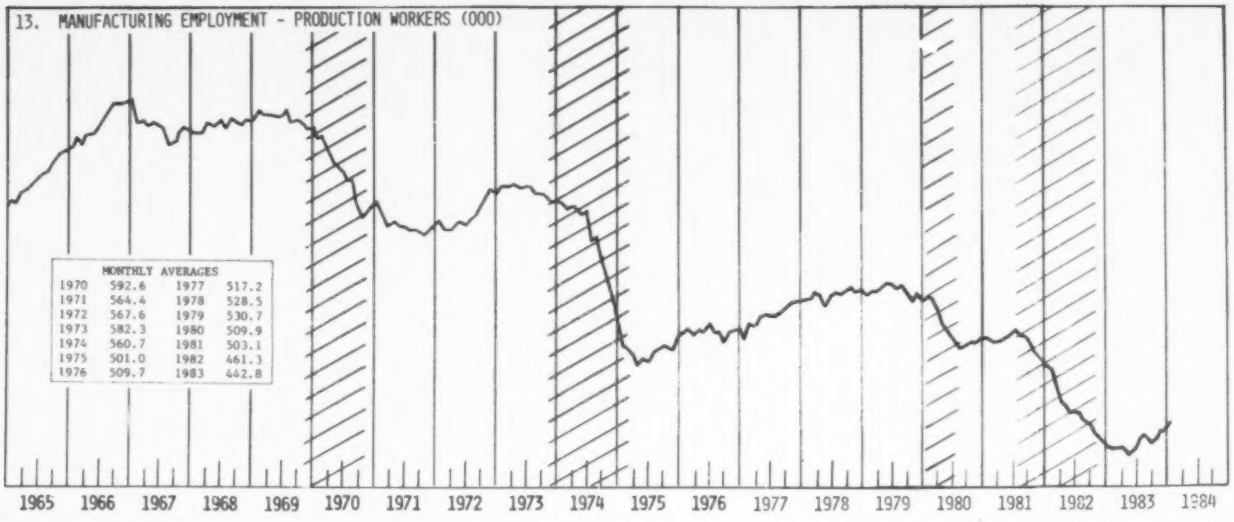
### 14. MANUFACTURING WORKWEEK - PRODUCTION WORKERS (hours)

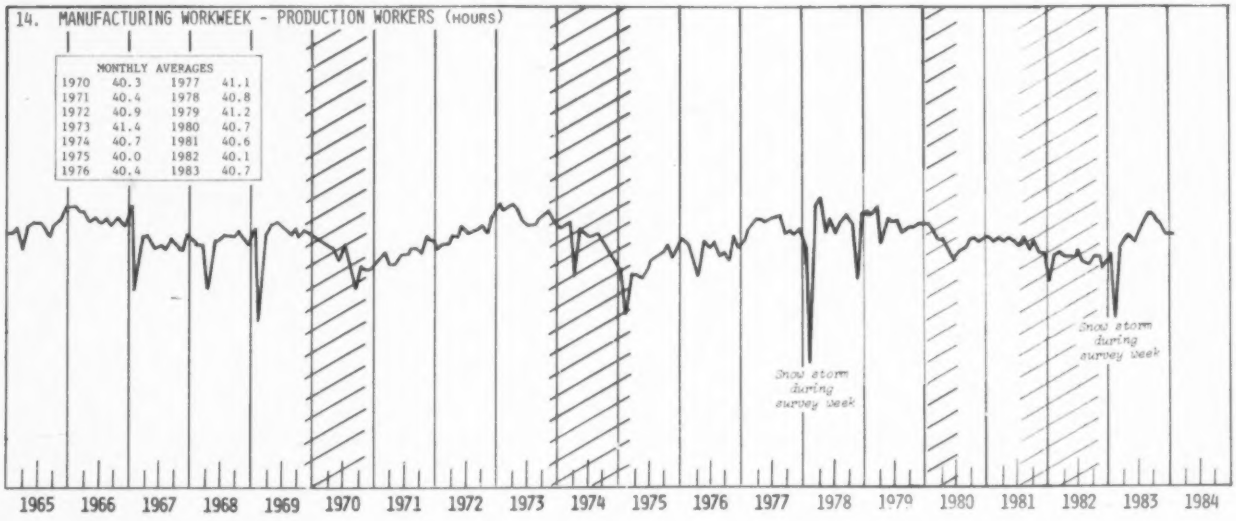
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 40.7 | 40.8 | 39.5 | 39.6 | 40.2 | 40.3 | 40.8p | 40.9p |
| Feb | 40.7 | 40.8 | 40.2 | 40.3 | 38.4 | 38.5 | | |
| Mar | 41.0 | 40.9 | 40.4 | 40.3 | 40.6 | 40.5 | | |
| Apr | 40.5 | 40.8 | 39.9 | 40.2 | 40.5 | 40.8 | | |
| May | 40.6 | 40.8 | 40.0 | 40.2 | 40.5 | 40.7 | | |
| Jun | 40.7 | 40.7 | 40.2 | 40.2 | 40.7 | 40.7 | | |
| Jul | 40.1 | 40.6 | 39.9 | 40.4 | 40.6 | 41.1 | | |
| Aug | 40.5 | 40.8 | 39.8 | 40.1 | 41.1 | 41.4 | | |
| Sep | 40.6 | 40.6 | 39.9 | 39.9 | 41.4 | 41.4 | | |
| Oct | 40.6 | 40.5 | 40.2 | 40.1 | 41.3 | 41.2 | | |
| Nov | 40.8 | 40.3 | 40.6 | 40.1 | 41.6 | 41.1 | | |
| Dec | 41.0 | 40.3 | 40.6 | 39.9 | 41.6r | 40.9r | | |

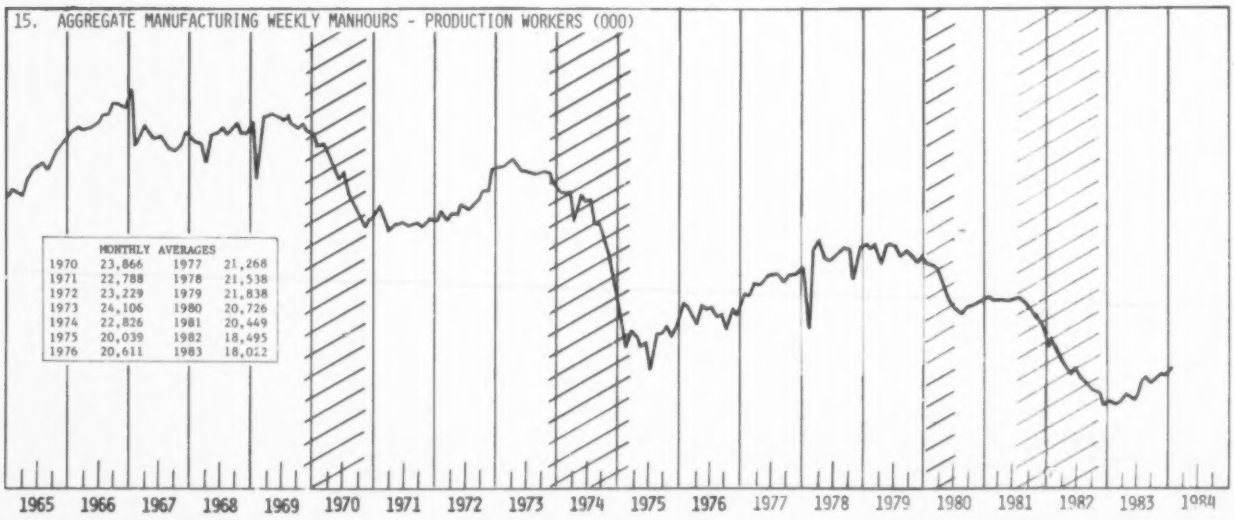
### 15. AGGREGATE MANUFACTURING WEEKLY MANHOURS - PRODUCTION WORKERS (000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 20,301 | 20,686 | 18,735 | 19,087 | 17,423 | 17,748 | 18254p | 18597p |
| Feb | 20,383 | 20,628 | 19,079 | 19,308 | 16,758 | 16,959 | | |
| Mar | 20,644 | 20,646 | 19,077 | 19,074 | 17,791 | 17,792 | | |
| Apr | 20,408 | 20,669 | 18,577 | 18,822 | 17,735 | 17,968 | | |
| May | 20,580 | 20,698 | 18,576 | 18,693 | 17,784 | 17,892 | | |
| Jun | 20,956 | 20,700 | 18,725 | 18,500 | 18,018 | 17,802 | | |
| Jul | 20,138 | 20,722 | 18,019 | 18,540 | 17,844 | 18,355 | | |
| Aug | 20,517 | 20,739 | 18,244 | 18,450 | 18,240 | 18,440 | | |
| Sep | 20,881 | 20,503 | 18,406 | 18,071 | 18,601 | 18,262 | | |
| Oct | 20,605 | 20,234 | 18,327 | 18,001 | 18,713 | 18,383 | | |
| Nov | 20,335 | 19,896 | 18,262 | 17,881 | 18,824 | 18,437 | | |
| Dec | 19,635 | 19,340 | 17,913 | 17,648 | 18604r | 18335r | | |

## CHART V PRODUCTION WORKER INDICATORS



## TABLE VI EARNINGS AND PRICE INDICATORS

### 16. WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS ($)

| Date | 1981 Unadjusted | 1982 Unadjusted | 1983 Unadjusted | 1984 Unadjusted |
|---|---|---|---|---|
| Jan | 319.09 | 336.07 | 363.81 | 386.78p |
| Feb | 319.09 | 341.45 | 350.59 | |
| Mar | 321.85 | 344.42 | 370.27 | |
| Apr | 321.16 | 342.57 | 370.17 | |
| May | 323.58 | 346.15 | 370.58 | |
| Jun | 326.01 | 348.69 | 373.63 | |
| Jul | 323.61 | 345.49 | 375.14 | |
| Aug | 326.83 | 347.02 | 378.53 | |
| Sep | 332.11 | 351.60 | 383.36 | |
| Oct | 333.33 | 356.35 | 383.26 | |
| Nov | 335.78 | 361.42 | 388.54 | |
| Dec | 343.58 | 365.27 | 392.29r | |

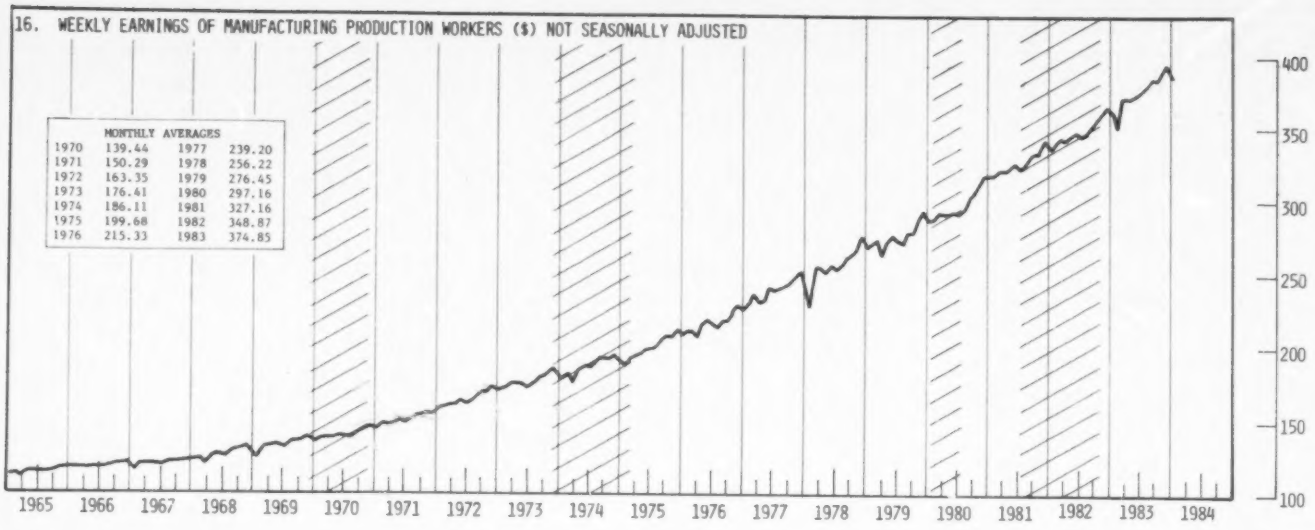
### 17. CPI FOR URBAN WAGE EARNERS AND CLERICAL WORKERS (UNADJUSTED INDEX 1967=100)

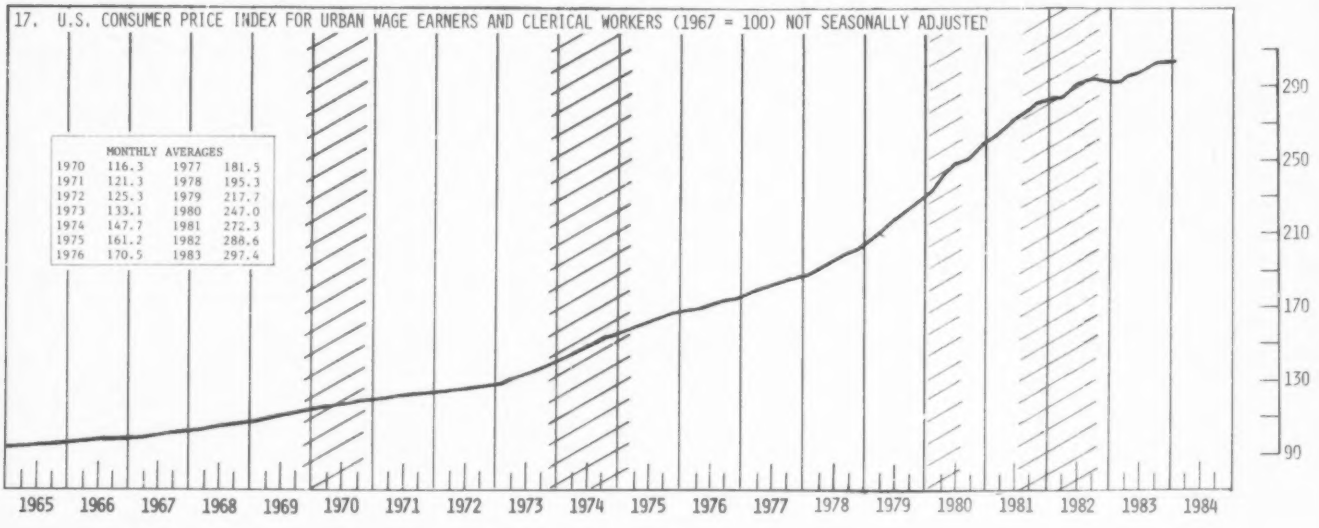
| Date | 1981 | | | 1982 | | | 1983 | | | 1984 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | U.S. | N.Y. | Phila. | U.S. | N.Y. | Phila. | U.S. | N.Y. | Phila. | U.S. | N.Y. | Phila. |
| Jan | 260.7 | 249.1 | 255.5 | 282.1 | 267.5 | 275.1 | 292.1 | 280.8 | 282.5 | 302.7 | 290.2 | 296.7 |
| Feb | 263.5 | 252.7 | 258.1 | 282.9 | 267.8 | 275.1 | 292.3 | 279.6 | 283.3 | | | |
| Mar | 265.2 | 253.7 | 259.5 | 282.5 | 265.9 | 274.3 | 293.0 | 280.3 | 285.5 | | | |
| Apr | 266.8 | 254.8 | 261.5 | 283.7 | 266.5 | 274.5 | 294.9 | 282.2 | 286.8 | | | |
| May | 269.1 | 255.9 | 262.9 | 286.5 | 269.4 | 274.7 | 296.3 | 283.8 | 286.5 | | | |
| Jun | 271.4 | 257.9 | 265.6 | 290.1 | 275.3 | 279.1 | 297.2 | 285.9 | 288.7 | | | |
| Jul | 274.6 | 262.3 | 268.5 | 291.8 | 276.1 | 280.9 | 298.2 | 286.1 | 291.1 | | | |
| Aug | 276.5 | 264.0 | 271.6 | 292.4 | 277.1 | 280.7 | 299.5 | 288.4 | 293.3 | | | |
| Sep | 279.1 | 267.8 | 274.5 | 292.8 | 278.9 | 282.1 | 300.8 | 288.1 | 294.2 | | | |
| Oct | 279.7 | 267.0 | 275.2 | 293.6 | 282.7 | 281.2 | 301.3 | 288.7 | 294.2 | | | |
| Nov | 280.4 | 266.9 | 274.5 | 293.2 | 281.9 | 282.0 | 301.4 | 287.3 | 294.8 | | | |
| Dec | 281.1 | 266.9 | 274.1 | 292.0 | 280.3 | 281.0 | 301.5 | 288.2 | 294.3 | | | |

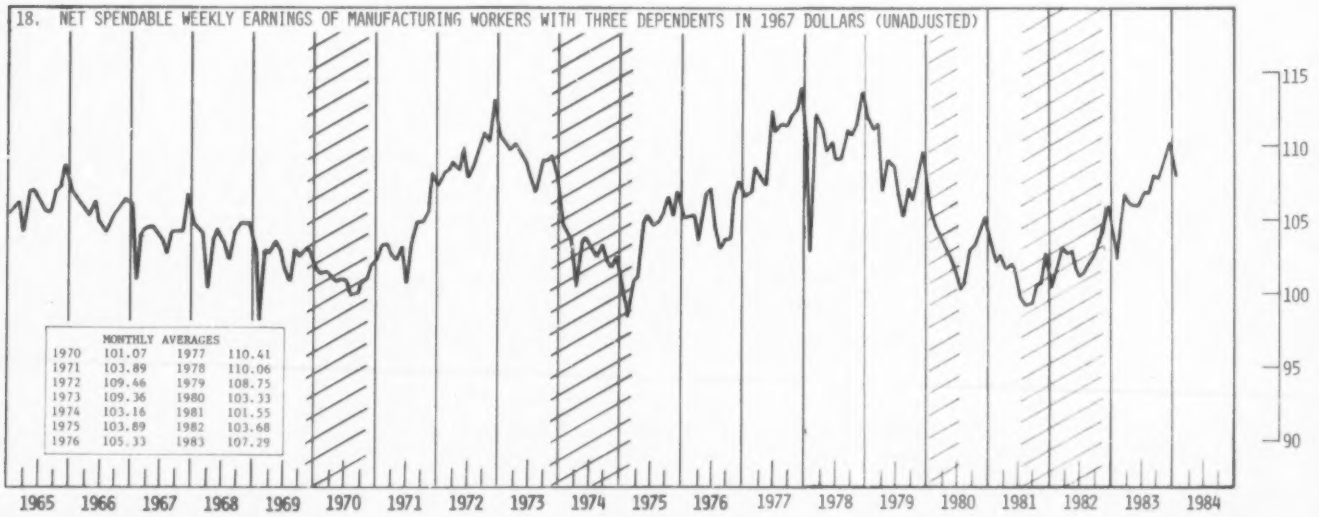
### 18. NET SPENDABLE WEEKLY EARNINGS OF MANUFACTURING WORKERS IN 1967 DOLLARS (UNADJUSTED)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Single | 3 Dep. | Single | 3 Dep. | Single | 3 Dep. | Single | 3 Dep. |
| Jan | 93.90 | 103.76 | 92.13 | 101.40 | 96.16 | 105.52 | 99.37p | 107.98p |
| Feb | 92.76 | 102.50 | 93.31 | 102.74 | 93.21 | 102.20 | | |
| Mar | 92.99 | 102.78 | 94.48 | 104.05 | 97.21 | 106.72 | | |
| Apr | 92.25 | 101.96 | 93.91 | 103.42 | 96.64 | 106.10 | | |
| May | 92.39 | 102.14 | 94.19 | 103.74 | 96.49 | 105.94 | | |
| Jun | 92.12 | 101.86 | 93.03 | 102.49 | 96.43 | 105.94 | | |
| Jul | 90.31 | 99.84 | 93.08 | 102.02 | 98.56 | 106.88 | | |
| Aug | 90.24 | 99.79 | 93.30 | 102.27 | 98.51 | 106.90 | | |
| Sep | 90.30 | 99.91 | 93.81 | 102.87 | 99.46 | 108.02 | | |
| Oct | 91.67 | 100.86 | 94.40 | 103.54 | 99.34 | 107.89 | | |
| Nov | 92.38 | 101.66 | 95.55 | 104.84 | 100.63 | 109.36 | | |
| Dec | 94.26 | 103.80 | 96.88 | 106.31 | 101.37r | 110.21r | | |

# CHART VI EARNINGS AND PRICE INDICATORS



## TABLE VII GENERAL BUSINESS INDICATORS

### 19. NEW BUSINESS INCORPORATIONS (number)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 1942 | 1892 | 1746 | 1739 | 2131 | 2114 | | |
| Feb | 1870 | 2013 | 1695 | 1806 | 1978 | 2084 | | |
| Mar | 2236 | 1898 | 2273 | 1811 | 2615 | 2046 | | |
| Apr | 2405 | 2158 | 1792 | 1658 | 2229 | 2099 | | |
| May | 2410 | 2303 | 1384 | 1778 | 1788 | 1627 | | |
| Jun | 2026 | 2029 | 1984 | 1949 | 1833 | 1810 | | |
| Jul | 1903 | 1887 | 1752 | 1824 | 2201 | 2373 | | |
| Aug | 1838 | 2002 | 1693 | 1777 | 2925 | 2898 | | |
| Sep | 1904 | 1913 | 1841 | 1829 | 2068 | 2132 | | |
| Oct | 2000 | 1900 | 1808 | 1720 | 2201 | 2079 | | |
| Nov | 1749 | 1966 | 1670 | 1795 | 2098 | 2161 | | |
| Dec | 1830 | 2328 | 2263 | 3345 | 2148 | 3322 | | |

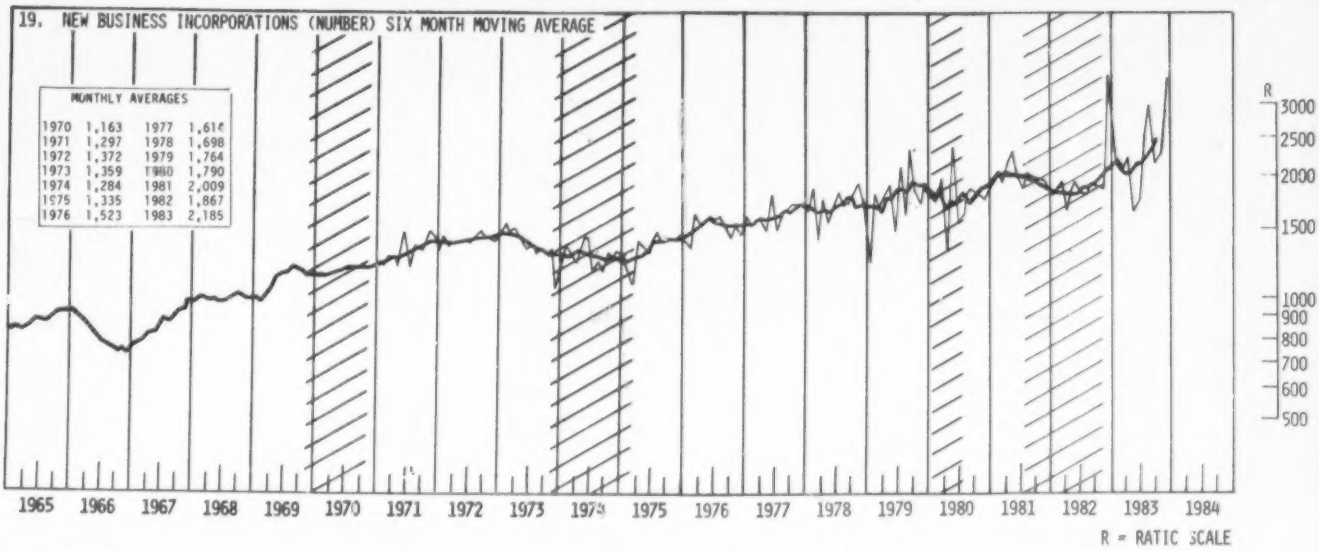
### 20. BUSINESS FAILURES (number)

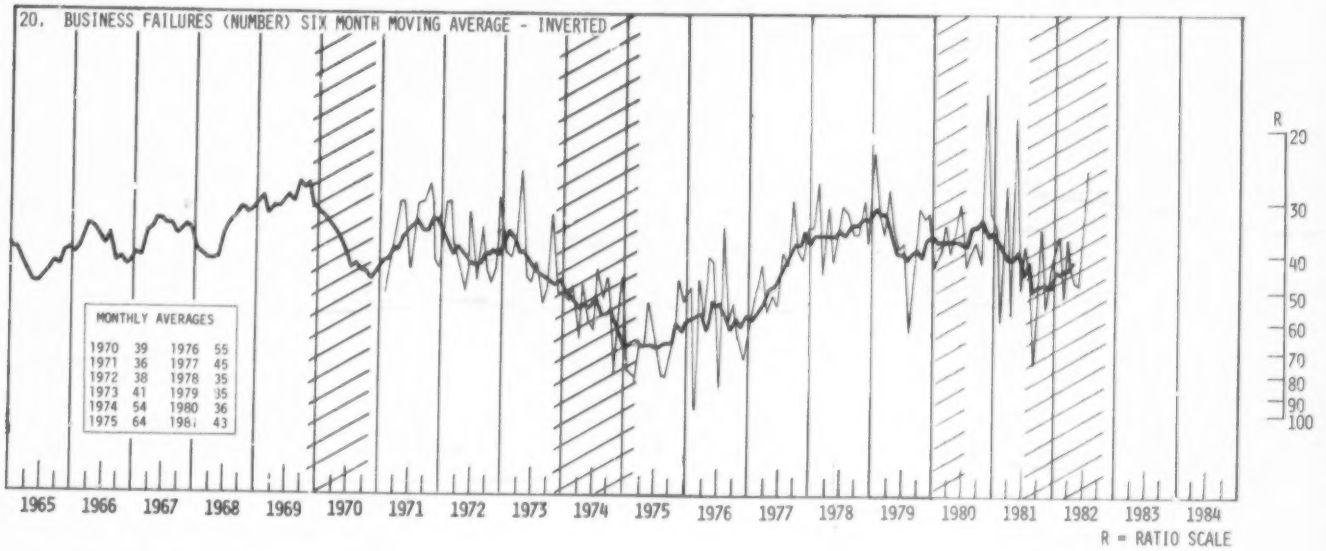
| Date | 1980 | | 1981 | | 1982 | | 1983 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 43 | 46 | 33 | 38 | 34 | 39 | | |
| Feb | 29 | 37 | 42 | 53 | 37 | 47 | | |
| Mar | 37 | 36 | 31 | 32 | 42 | 41 | | |
| Apr | 42 | 38 | 58 | 50 | 46 | 42 | | |
| May | 42 | 34 | 21 | 18 | 57 | 47 | | |
| Jun | 30 | 28 | 51 | 48 | 53 | 49 | | |
| Jul | 40 | 43 | 35 | 37 | 23 | 25 | | |
| Aug | 46 | 39 | 54 | 45 | | | | |
| Sep | 30 | 34 | 64 | 67 | | | | |
| Oct | 49 | 48 | 39 | 41 | | | | |
| Nov | 11 | 12 | 50 | 54 | | | | |
| Dec | 31 | 32 | 43 | 44 | | | | |

NOTE TO THE READER

Effective January 1, 1983, New Jersey Bell does not offer the leasing of new telephones as a service. New business telephones are being purchased through many outside suppliers including American Bell, an AT&T subsidiary. Since business customers are purchasing telephones outright, there are no records as to the number of telephones in service. For this reason, this data series no longer reflects general business activity and, therefore, is being discontinued. A new data series will appear in its place.

# CHART VII GENERAL BUSINESS INDICATORS




NOTE TO THE READER

Effective January 1, 1983, New Jersey Bell does not offer the leasing of new telephones as a service. New business telephones are being purchased through many outside suppliers including American Bell, an AT&T subsidiary. Since business customers are purchasing telephones outright, there are no records as to the number of telephones in service. For this reason, this data series no longer reflects general business activity and, therefore, is being discontinued. A new data series will appear in its place.

## TABLE VIII CONSTRUCTION CONTRACTS INDICATORS

### 22. TOTAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 227.6 | 254.9 | 183.1 | 202.0 | 348.9r | 381.9r | 459.0 | 502.4 |
| Feb | 185.7 | 291.3 | 184.2 | 280.5 | 295.8 | 442.8 | | |
| Mar | 207.5 | 235.7 | 311.0 | 354.4 | 374.1 | 427.8 | | |
| Apr | 307.1 | 295.8 | 263.0 | 251.8 | 513.4 | 489.2 | | |
| May | 264.2 | 238.4 | 375.6 | 348.6 | 412.8 | 385.4 | | |
| Jun | 311.7 | 249.5 | 420.8 | 331.2 | 778.6 | 614.9 | | |
| Jul | 312.4 | 305.4 | 288.1 | 277.2 | 489.8 | 468.3 | | |
| Aug | 344.6 | 278.4 | 453.8 | 367.5 | 497.9 | 406.3 | | |
| Sep | 424.0 | 403.1 | 322.0 | 303.0 | 534.8 | 499.3 | | |
| Oct | 327.7 | 324.5 | 271.0 | 278.6 | 428.4 | 447.7 | | |
| Nov | 335.5 | 332.3 | 341.2 | 339.3 | 510.7 | 504.0 | | |
| Dec | 298.2 | 356.6 | 292.0 | 347.8 | 395.4 | 468.7 | | |

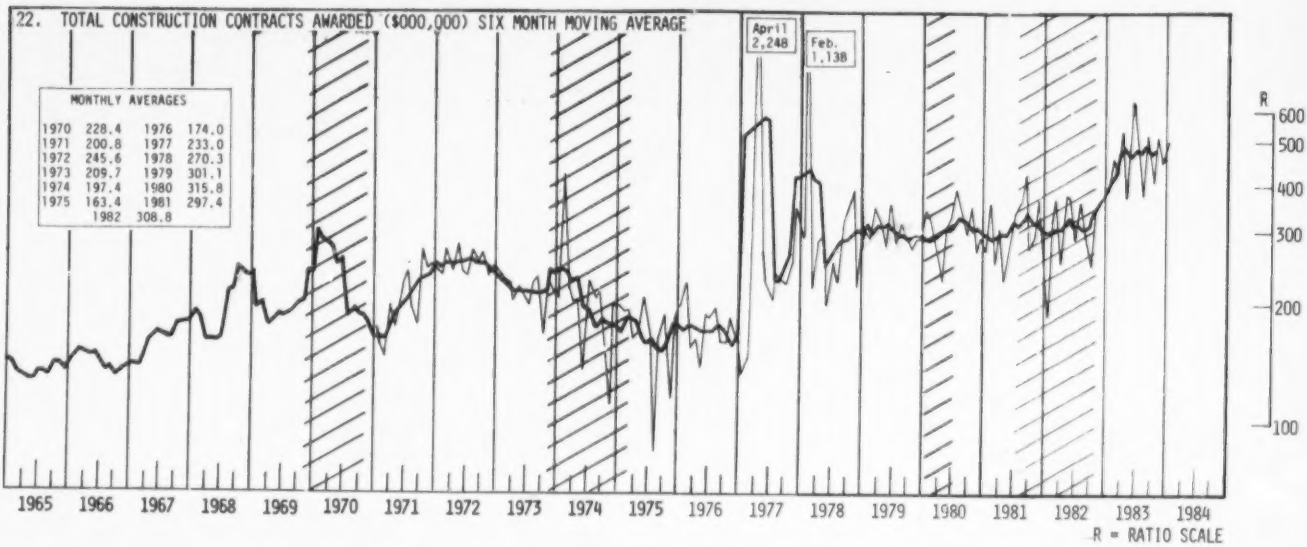
### 23. RESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

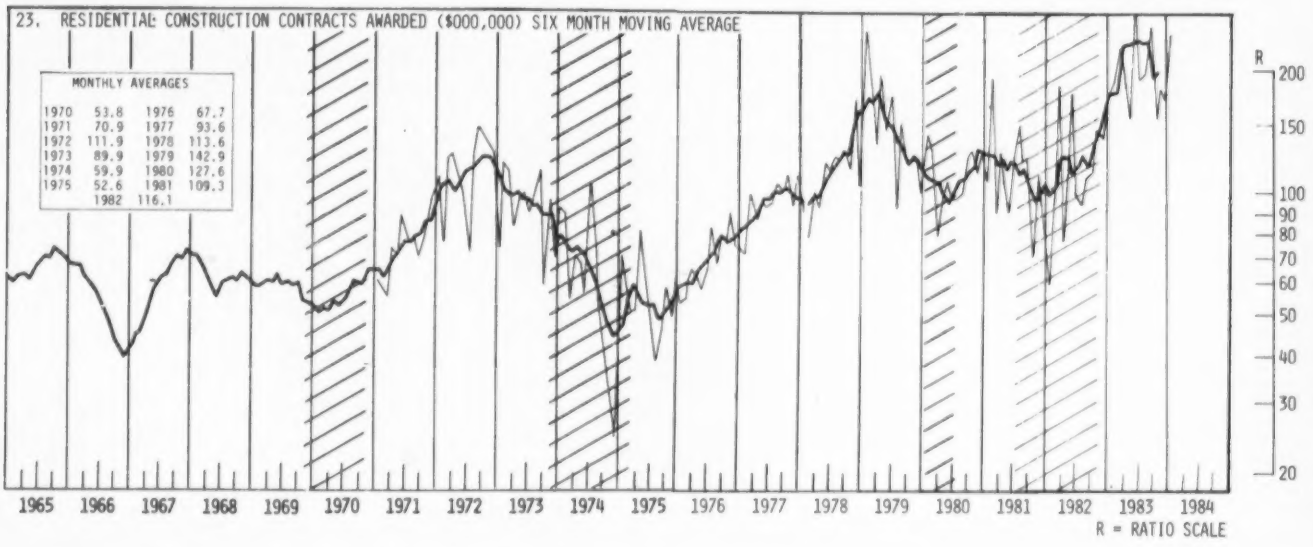
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 78.4 | 110.5 | 59.7 | 82.7 | 174.7r | 242.7r | 174.3 | 242.2 |
| Feb | 89.7 | 162.4 | 42.8 | 75.8 | 116.8 | 206.4 | | |
| Mar | 76.4 | 100.2 | 131.4 | 173.7 | 169.2 | 222.5 | | |
| Apr | 134.5 | 128.8 | 83.3 | 80.8 | 200.4 | 197.4 | | |
| May | 118.8 | 110.2 | 121.5 | 115.3 | 173.9 | 165.7 | | |
| Jun | 102.3 | 72.0 | 200.6 | 136.2 | 542.1 | 361.5 | | |
| Jul | 131.0 | 129.3 | 105.3 | 105.2 | 198.9 | 197.1 | | |
| Aug | 137.3 | 103.5 | 134.3 | 102.0 | 276.3 | 213.0 | | |
| Sep | 128.5 | 115.2 | 117.6 | 101.9 | 289.8 | 248.0 | | |
| Oct | 124.4 | 126.1 | 107.8 | 111.1 | 166.6 | 173.4 | | |
| Nov | 75.5 | 72.2 | 161.3 | 157.5 | 201.0 | 198.0 | | |
| Dec | 106.8 | 114.8 | 127.5 | 136.8 | 174.9 | 186.5 | | |

### 24. NONRESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 111.8 | 110.6 | 103.5 | 99.5 | 141.6r | 133.1r | 236.8 | 222.5 |
| Feb | 70.4 | 111.3 | 92.6 | 138.4 | 144.5 | 210.9 | | |
| Mar | 93.5 | 103.5 | 128.9 | 142.9 | 170.9 | 190.0 | | |
| Apr | 95.2 | 97.2 | 135.3 | 139.4 | 207.5 | 212.8 | | |
| May | 109.9 | 99.8 | 90.7 | 84.7 | 191.1 | 182.4 | | |
| Jun | 154.4 | 130.4 | 164.3 | 136.1 | 183.1 | 151.0 | | |
| Jul | 137.8 | 137.3 | 112.4 | 114.6 | 141.0 | 147.3 | | |
| Aug | 169.9 | 150.6 | 230.7 | 207.0 | 151.3 | 136.9 | | |
| Sep | 173.2 | 156.6 | 147.1 | 135.9 | 187.0 | 172.2 | | |
| Oct | 181.6 | 160.4 | 114.8 | 105.1 | 170.5 | 159.4 | | |
| Nov | 172.8 | 167.3 | 154.8 | 143.3 | 265.0 | 237.7 | | |
| Dec | 123.2 | 161.6 | 118.0 | 151.4 | 165.9 | 210.8 | | |

# CHART VIII CONSTRUCTION CONTRACTS INDICATORS



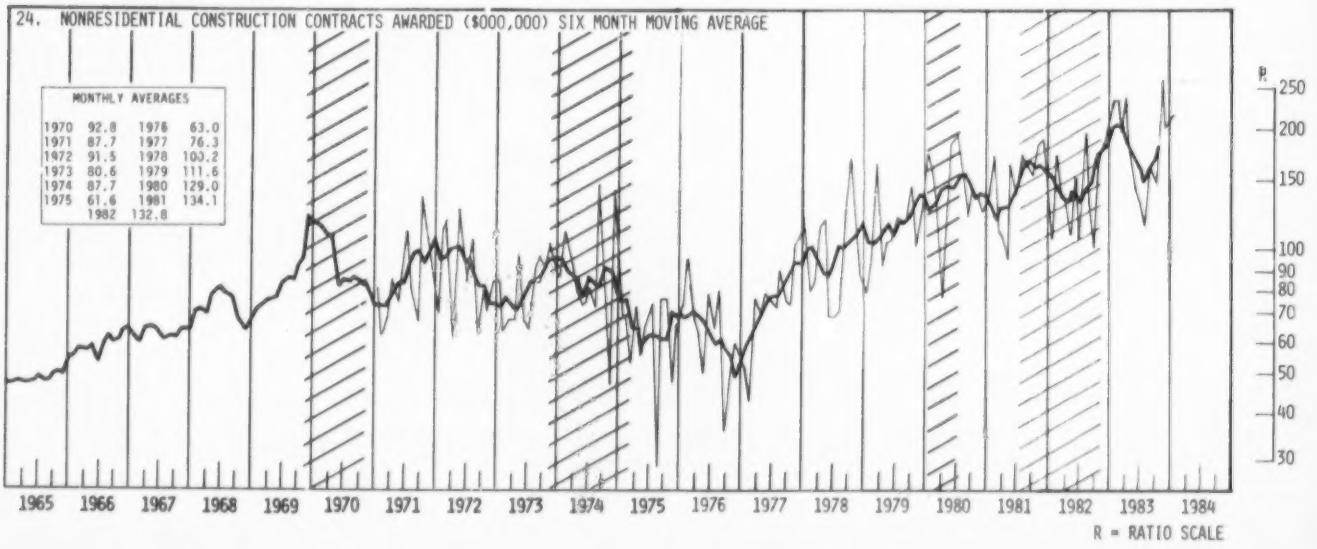



TABLE IX RESIDENTIAL BUILDING PERMITS INDICATORS

25. DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (number)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 676 | 1419 | 634 | 1363 | 1120 | 2392 | | |
| Feb | 1292 | 2397 | 521 | 955 | 2240 | 4071 | | |
| Mar | 1454 | 1688 | 1694 | 1946 | 1824 | 2053 | | |
| Apr | 1668 | 1758 | 1208 | 1338 | 2341 | 2698 | | |
| May | 1585 | 1698 | 1145 | 1223 | 2690 | 2807 | | |
| Jun | 1967 | 1580 | 1924 | 1519 | 2805 | 2177 | | |
| Jul | 2474 | 2056 | 1237 | 1069 | 3512 | 3018 | | |
| Aug | 1645 | 1456 | 1818 | 1528 | 3583 | 2928 | | |
| Sep | 1562 | 1247 | 1880 | 1486 | 3317 | 2833 | | |
| Oct | 1891 | 1431 | 2829 | 2114 | 2941 | 2134 | | |
| Nov | 1066 | 1047 | 2005 | 2072 | 2480 | 2506 | | |
| Dec | 1551 | 1406 | 2174 | 2015 | 2944 | 2922 | | |

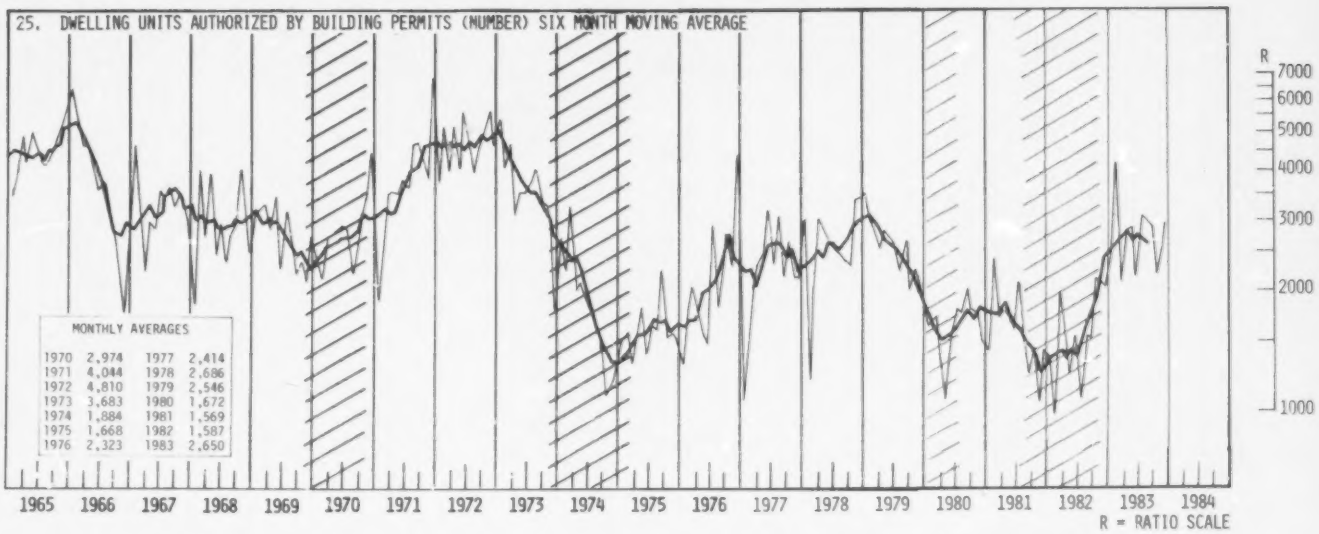
26. DWELLING UNITS (SINGLE) AUTHORIZED BY BUILDING PERMITS (number)

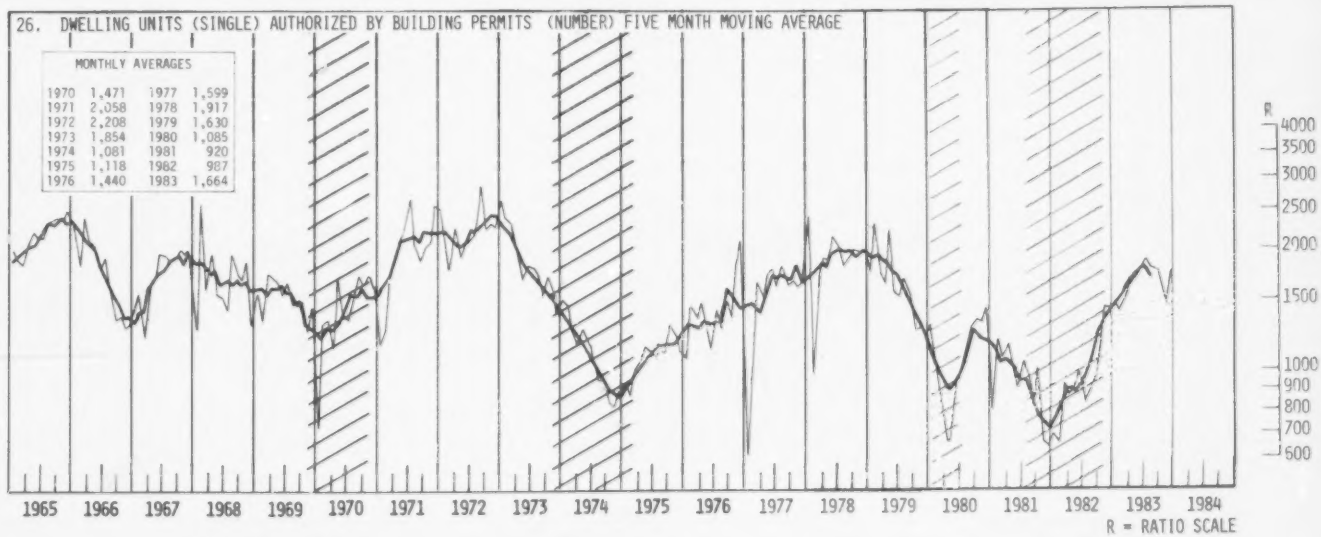
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 467 | 796 | 383 | 687 | 842 | 1453 | | |
| Feb | 574 | 1166 | 311 | 658 | 642 | 1390 | | |
| Mar | 940 | 1055 | 834 | 912 | 1360 | 1477 | | |
| Apr | 1281 | 1145 | 968 | 863 | 1679 | 1540 | | |
| May | 1029 | 984 | 943 | 879 | 1851 | 1688 | | |
| Jun | 1018 | 894 | 1077 | 977 | 1954 | 1750 | | |
| Jul | 1150 | 1030 | 915 | 817 | 1981 | 1862 | | |
| Aug | 1071 | 904 | 1047 | 866 | 2177 | 1779 | | |
| Sep | 1018 | 824 | 1180 | 949 | 2158 | 1757 | | |
| Oct | 1161 | 988 | 1265 | 1132 | 1907 | 1637 | | |
| Nov | 690 | 656 | 1550 | 1414 | 1539 | 1445 | | |
| Dec | 638 | 641 | 1376 | 1407 | 1876 | 1731 | | |

27. DWELLING UNITS (5 OR MORE) AUTHORIZED BY BUILDING PERMITS (number)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 119 | 363 | 215 | 629 | 178 | 503 | | |
| Feb | 644 | 1945 | 169 | 436 | 1550 | 3698 | | |
| Mar | 416 | 514 | 772 | 970 | 280 | 343 | | |
| Apr | 160 | 263 | 155 | 275 | 494 | 887 | | |
| May | 324 | 503 | 169 | 257 | 640 | 925 | | |
| Jun | 843 | 493 | 733 | 450 | 565 | 356 | | |
| Jul | 898 | 636 | 268 | 177 | 1395 | 914 | | |
| Aug | 337 | 299 | 690 | 556 | 1224 | 937 | | |
| Sep | 336 | 271 | 557 | 457 | 986 | 854 | | |
| Oct | 507 | 327 | 1363 | 857 | 893 | 553 | | |
| Nov | 248 | 279 | 285 | 381 | 759 | 1122 | | |
| Dec | 792 | 604 | 594 | 479 | 904 | 800 | | |

# CHART IX RESIDENTIAL BUILDING PERMITS INDICATORS



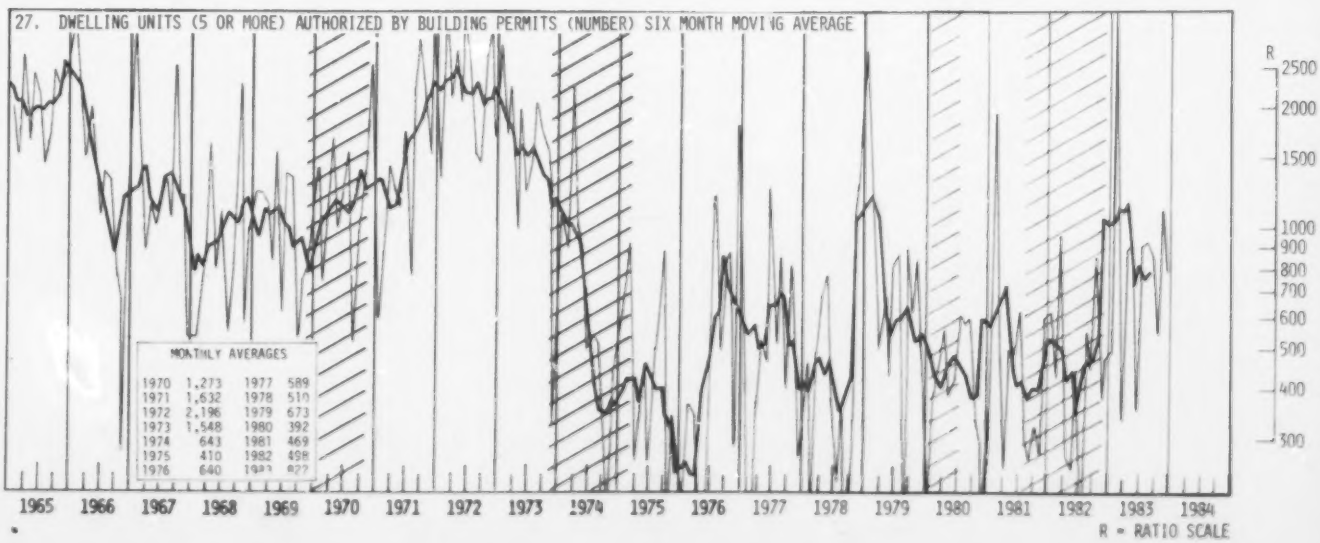



TABLE X TRADE INDICATORS

28. SALES OF RETAIL STORES ($000,000)

| Date | 1980 | | 1981 | | 1982 | | 1983 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 2,576 | 2,776 | 2,790 | 2,950 | 2,771 | 2,996 | 2,978 | 3,255 |
| Feb | 2,600 | 2,801 | 2,636 | 2,976 | 2,670 | 3,018 | 2,737 | 3,098 |
| Mar | 2,723 | 2,790 | 2,906 | 2,997 | 2,988 | 3,034 | 3,227 | 3,276 |
| Apr | 2,699 | 2,776 | 2,965 | 3,054 | 2,985 | 3,043 | 3,197 | 3,254 |
| May | 2,864 | 2,785 | 3,029 | 3,004 | 3,118 | 3,120 | 3,344 | 3,360 |
| Jun | 2,750 | 2,843 | 2,967 | 3,017 | 3,035 | 3,099 | 3,458 | 3,522 |
| Jul | 2,779 | 2,863 | 2,899 | 2,938 | 3,138 | 3,146 | 3,365 | 3,440 |
| Aug | 2,786 | 2,867 | 2,924 | 3,046 | 3,021 | 3,168 | 3,273 | 3,375 |
| Sep | 2,684 | 2,856 | 2,922 | 3,108 | 3,065 | 3,245 | 3,301 | 3,446 |
| Oct | 2,920 | 2,917 | 2,983 | 2,951 | 3,212 | 3,238 | 3,455 | 3,519 |
| Nov | 3,025 | 2,916 | 3,098 | 2,993 | 3,405 | 3,227 | 3,701r | 3,518r |
| Dec | 3,868 | 2,974 | 3,857 | 2,969 | 4,176 | 3,182 | 4,529p | 3,430p |

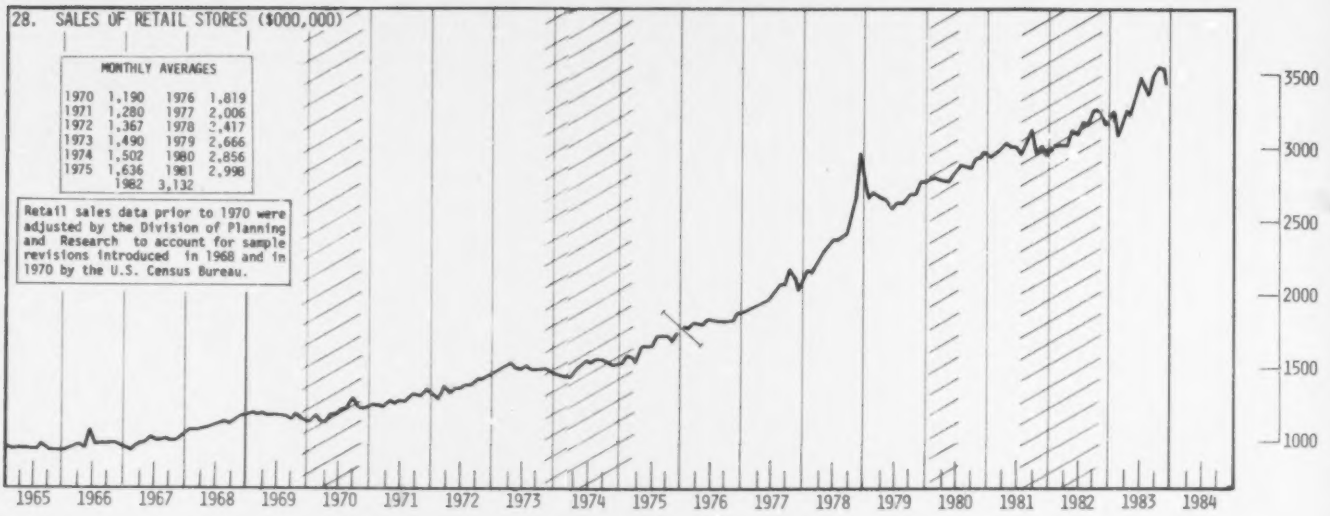
29. SALES OF RETAIL STORES IN 1967 ($000,000)

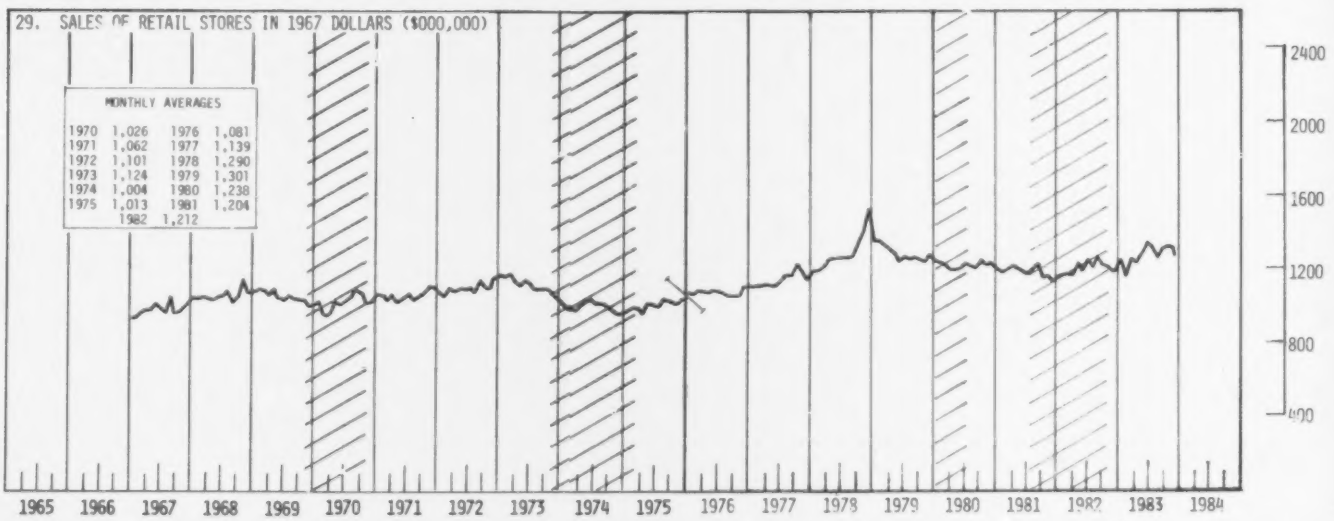
| Date | 1980 Adjusted | 1981 Adjusted | 1982 Adjusted | 1983 Adjusted |
|---|---|---|---|---|
| Jan | 1,271 | 1,226 | 1,176 | 1,245 |
| Feb | 1,263 | 1,219 | 1,183 | 1,185 |
| Mar | 1,238 | 1,222 | 1,196 | 1,252 |
| Apr | 1,223 | 1,239 | 1,202 | 1,236 |
| May | 1,220 | 1,217 | 1,225 | 1,275 |
| Jun | 1,233 | 1,214 | 1,197 | 1,332 |
| Jul | 1,236 | 1,174 | 1,211 | 1,297 |
| Aug | 1,228 | 1,207 | 1,219 | 1,265 |
| Sep | 1,218 | 1,218 | 1,247 | 1,282 |
| Oct | 1,239 | 1,158 | 1,234 | 1,310 |
| Nov | 1,232 | 1,178 | 1,230 | 1,310r |
| Dec | 1,248 | 1,167 | 1,217 | 1,278p |

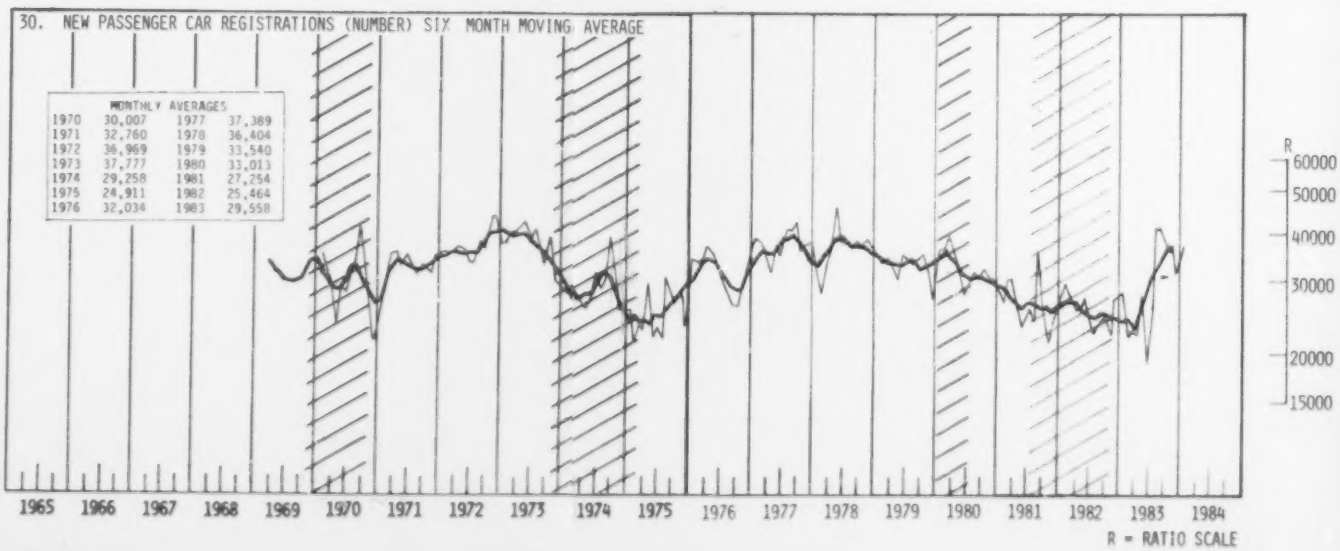
30. NEW PASSENGER CAR REGISTRATIONS (number)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 29,079 | 27,886 | 24,492 | 25,846 | 27,399 | 26,715 | 38,462 | 37,895 |
| Feb | 23,732 | 27,200 | 25,072 | 28,878 | 19,571 | 22,558 | | |
| Mar | 31,180 | 28,508 | 31,491 | 26,551 | 26,413 | 23,036 | | |
| Apr | 29,314 | 30,084 | 25,183 | 25,703 | 21,768 | 22,634 | | |
| May | 24,929 | 27,064 | 25,082 | 25,386 | 26,245 | 26,785 | | |
| Jun | 30,523 | 24,839 | 30,940 | 27,678 | 23,107 | 20,168 | | |
| Jul | 29,656 | 26,705 | 28,181 | 24,909 | 26,548 | 26,471 | | |
| Aug | 28,465 | 26,246 | 24,557 | 23,080 | 47,600 | 41,893 | | |
| Sep | 31,599 | 35,469 | 21,209 | 22,684 | 37,626 | 39,440 | | |
| Oct | 27,683 | 26,205 | 23,095 | 24,455 | 36,959 | 36,369 | | |
| Nov | 17,477 | 22,928 | 19,575 | 23,813 | 29,026 | 38,457 | | |
| Dec | 23,414 | 23,673 | 26,691 | 27,063 | 32,437 | 32,140 | | |

# CHART X TRADE INDICATORS



## TABLE XI LABOR MARKET INDICATORS

### 31. NONFARM JOB OPENINGS RECEIVED (number) by New Jersey Employment Service

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 15,617 | 17,763 | 10,178 | 11,742 | 12,350 | 14,572 | 7,299 | 8,425 |
| Feb | 14,092 | 17,263 | 10,515 | 12,791 | 11,947 | 14,413 | | |
| Mar | 19,788 | 16,988 | 16,187 | 13,230 | 17,765 | 14,227 | | |
| Apr | 17,465 | 17,036 | 12,399 | 12,340 | 13,537 | 13,613 | | |
| May | 18,850 | 15,636 | 16,617 | 13,548 | 18,548 | 14,603 | | |
| Jun | 14,713 | 15,069 | 13,581 | 13,336 | 13,939 | 13,766 | | |
| Jul | 14,862 | 15,488 | 10,714 | 11,634 | 9,481 | 10,490 | | |
| Aug | 13,502 | 13,183 | 12,774 | 12,551 | 12,637 | 12,169 | | |
| Sep | 15,391 | 13,524 | 15,604 | 13,956 | 11,374 | 10,367 | | |
| Oct | 15,295 | 14,394 | 12,754 | 12,124 | 11,132 | 10,730 | | |
| Nov | 11,284 | 13,103 | 12,961 | 14,784 | 7,412 | 8,186 | | |
| Dec | 12,908 | 15,293 | 11,374 | 13,757 | 5,990 | 7,543 | | |

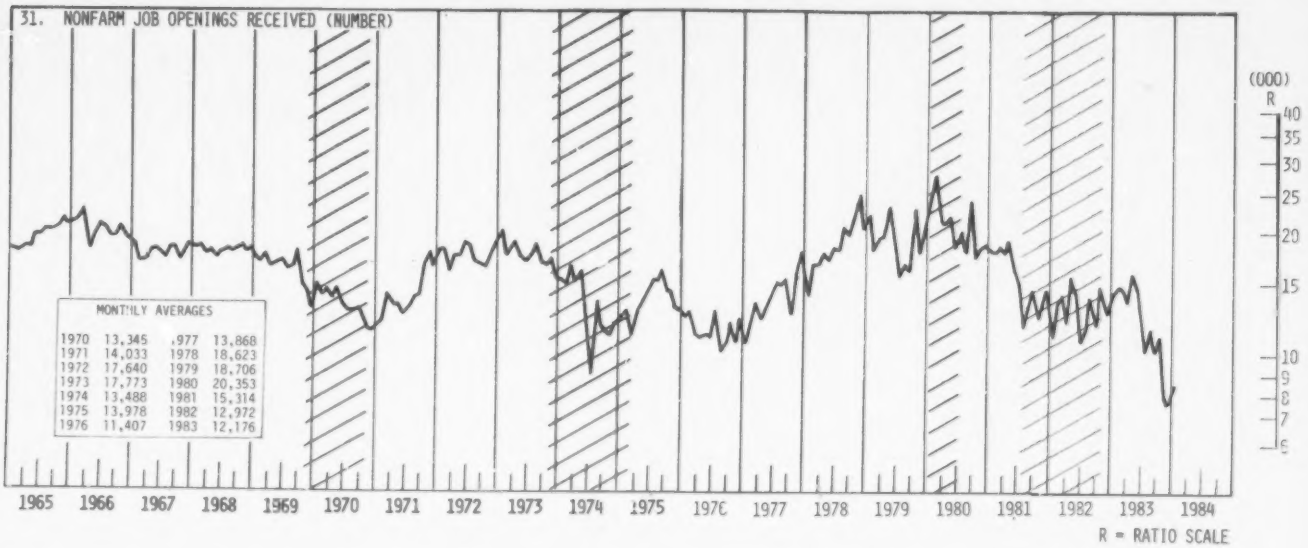
### 32. NONFARM JOB PLACEMENTS (number) made by New Jersey Employment Services

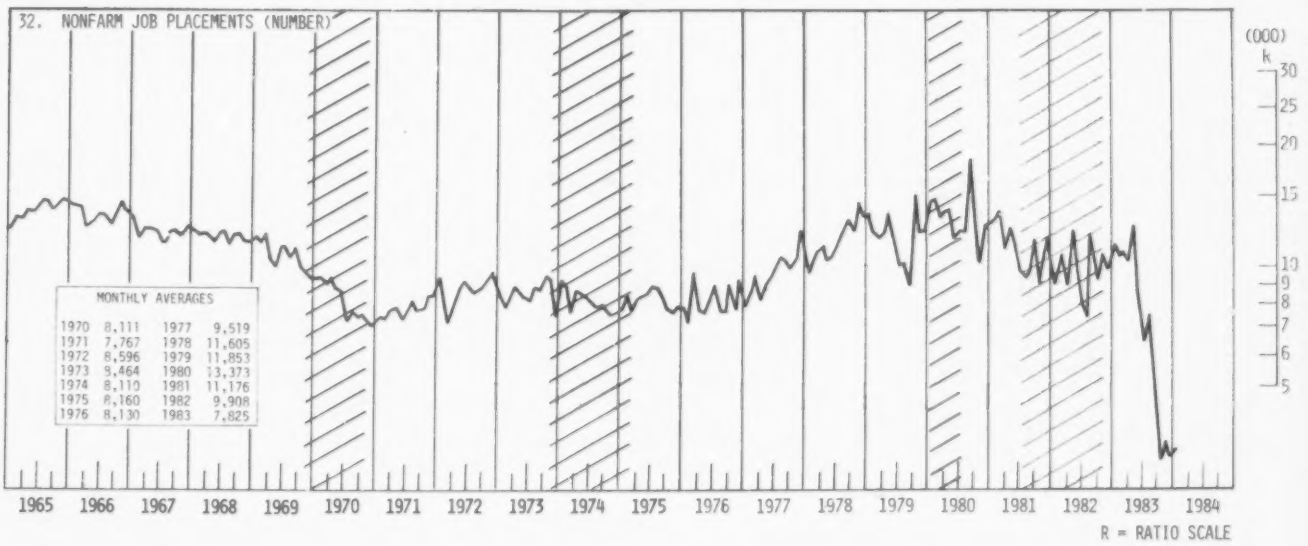
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 11,281 | 12,428 | 8,167 | 9,209 | 9,871 | 11,321 | 3,106 | 3,497 |
| Feb | 11,086 | 12,469 | 8,520 | 9,538 | 9,402 | 10,493 | | |
| Mar | 15,017 | 12,764 | 12,572 | 10,077 | 13,273 | 10,354 | | |
| Apr | 10,594 | 10,943 | 9,253 | 9,723 | 9,562 | 10,194 | | |
| May | 12,271 | 10,935 | 12,275 | 10,806 | 13,582 | 11,635 | | |
| Jun | 10,735 | 11,241 | 9,755 | 9,902 | 8,491 | 8,677 | | |
| Jul | 9,824 | 11,404 | 7,381 | 9,061 | 5,435 | 6,965 | | |
| Aug | 10,046 | 10,465 | 7,551 | 7,870 | 7,802 | 7,852 | | |
| Sep | 11,647 | 9,101 | 14,113 | 11,093 | 6,819 | 5,413 | | |
| Oct | 11,917 | 11,546 | 9,721 | 9,678 | 3,281 | 3,314 | | |
| Nov | 8,969 | 10,288 | 10,169 | 11,418 | 3,268 | 3,604 | | |
| Dec | 10,728 | 11,348 | 9,424 | 9,964 | 3,118 | 3,346 | | |

### 33. WEEKS CLAIMED - WEEKLY AVERAGE (000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 158.4 | 130.1 | 166.9 | 137.3 | 157.3 | 129.4 | 119.0 | 97.9 |
| Feb | 154.2 | 125.3 | 170.9 | 139.2 | 160.5 | 130.8 | | |
| Mar | 147.2 | 126.6 | 159.3 | 137.3 | 146.0 | 126.1 | | |
| Apr | 127.7 | 123.7 | 148.8 | 143.6 | 127.9 | 123.2 | | |
| May | 115.1 | 123.6 | 132.5 | 142.2 | 108.9 | 116.9 | | |
| Jun | 108.4 | 122.3 | 125.8 | 141.5 | 100.6 | 113.0 | | |
| Jul | 121.0 | 124.6 | 134.6 | 138.7 | 103.3 | 106.5 | | |
| Aug | 117.9 | 125.2 | 128.5 | 136.9 | 96.4 | 102.9 | | |
| Sep | 105.8 | 126.2 | 115.5 | 137.7 | 84.2 | 100.5 | | |
| Oct | 103.6 | 123.0 | 117.6 | 139.8 | 81.1 | 96.4 | | |
| Nov | 116.8 | 129.2 | 125.6 | 139.0 | 86.9 | 96.3 | | |
| Dec | 141.9 | 135.5 | 141.2 | 134.6 | 99.0 | 94.2 | | |

# CHART XI LABOR MARKET INDICATORS



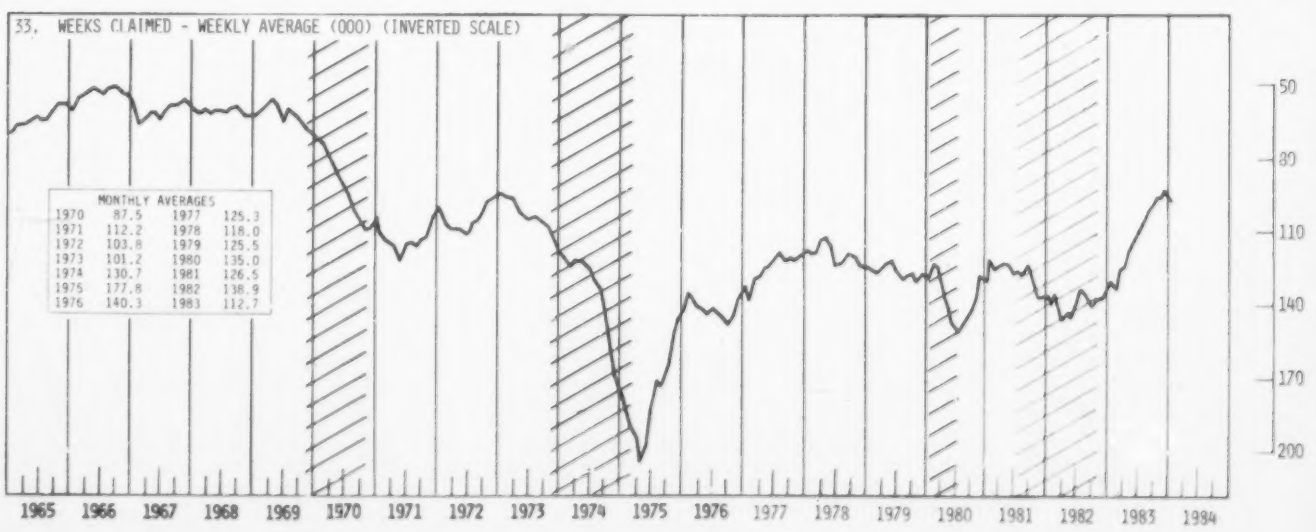



TABLE XII UNEMPLOYMENT INSURANCE CLAIMANTS INDICATORS - I

34. INSURED UNEMPLOYMENT RATE (%)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 5.4 | 4.5 | 5.7 | 4.7 | 5.4 | 4.4 | 4.0 | 3.3 |
| Feb | 5.3 | 4.3 | 5.8 | 4.7 | 5.5 | 4.5 | | |
| Mar | 5.0 | 4.3 | 5.4 | 4.7 | 5.0 | 4.3 | | |
| Apr | 4.4 | 4.2 | 5.0 | 4.9 | 4.4 | 4.2 | | |
| May | 3.9 | 4.2 | 4.5 | 4.8 | 3.7 | 4.0 | | |
| Jun | 3.7 | 4.2 | 4.3 | 4.8 | 3.4 | 3.9 | | |
| Jul | 4.1 | 4.3 | 4.6 | 4.7 | 3.5 | 3.6 | | |
| Aug | 4.0 | 4.3 | 4.3 | 4.6 | 3.3 | 3.5 | | |
| Sep | 3.6 | 4.3 | 3.9 | 4.7 | 2.9 | 3.4 | | |
| Oct | 3.5 | 4.2 | 4.0 | 4.7 | 2.8 | 3.3 | | |
| Nov | 4.0 | 4.4 | 4.3 | 4.7 | 3.0 | 3.3 | | |
| Dec | 4.8 | 4.6 | 4.8 | 4.6 | 3.4 | 3.2 | | |

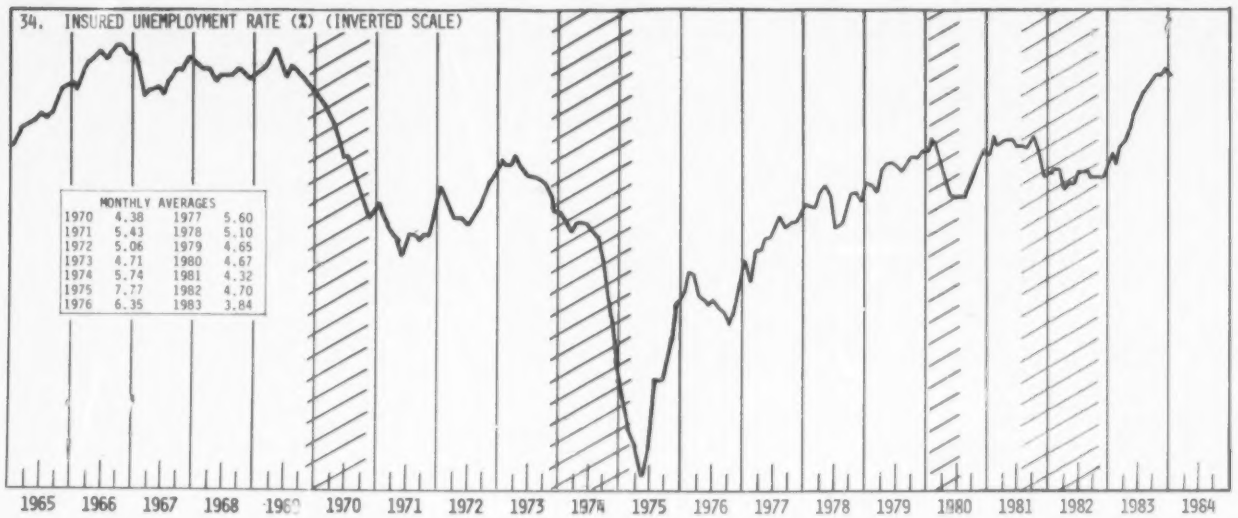
35. INITIAL CLAIMS WEEKLY AVERAGE (number)

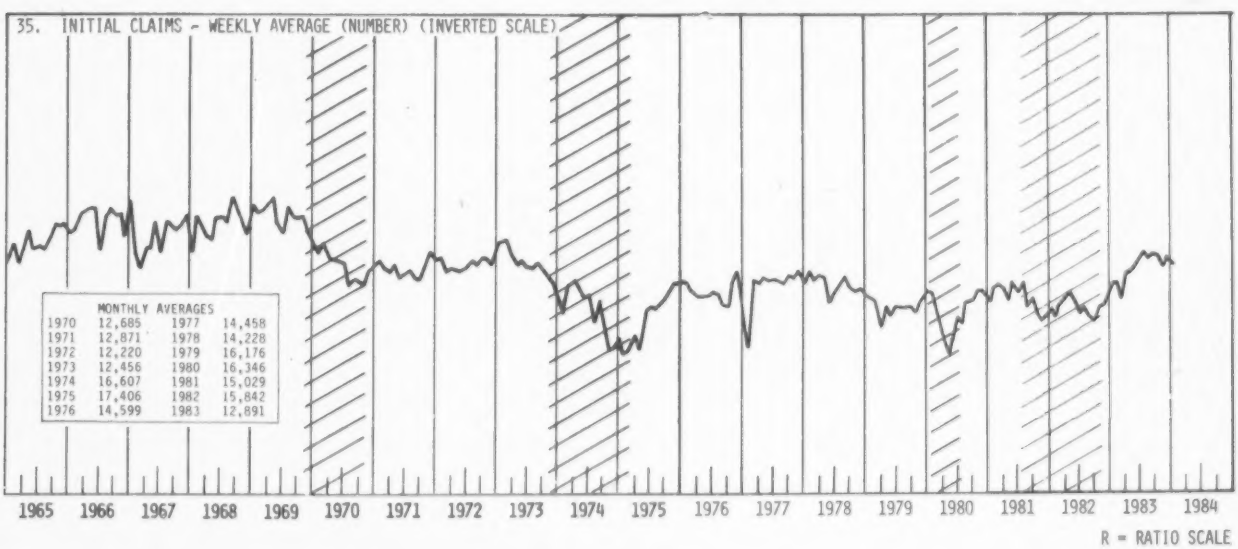
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 20,272 | 15,406 | 21,466 | 16,338 | 20,107 | 14,646 | 16,791 | 12,152 |
| Feb | 14,297 | 14,159 | 16,689 | 16,576 | 14,453 | 14,383 | | |
| Mar | 13,126 | 14,053 | 14,425 | 15,702 | 13,090 | 14,905 | | |
| Apr | 12,587 | 14,329 | 13,754 | 15,472 | 11,824 | 13,584 | | |
| May | 11,821 | 14,932 | 12,586 | 15,223 | 10,904 | 13,119 | | |
| Jun | 15,512 | 14,108 | 16,037 | 15,532 | 13,267 | 12,773 | | |
| Jul | 15,719 | 14,630 | 17,694 | 16,599 | 12,607 | 11,797 | | |
| Aug | 11,650 | 14,010 | 13,409 | 16,093 | 9,872 | 12,078 | | |
| Sep | 12,200 | 15,645 | 13,033 | 16,502 | 9,294 | 11,568 | | |
| Oct | 13,485 | 15,199 | 14,790 | 16,607 | 10,945 | 11,753 | | |
| Nov | 16,740 | 16,191 | 15,668 | 15,218 | 12,019 | 12,367 | | |
| Dec | 22,934 | 16,920 | 20,556 | 14,928 | 16,320 | 11,836 | | |

36. UNEMPLOYMENT INSURANCE EXHAUSTIONS (number)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 14,458 | 13,917 | 14,463 | 14,114 | 17,382 | 17,041 | 12,645 | 12,395 |
| Feb | 14,121 | 13,862 | 14,651 | 14,519 | 16,413 | 16,379 | | |
| Mar | 17,165 | 13,597 | 20,313 | 16,287 | 21,555 | 16,757 | | |
| Apr | 16,897 | 14,136 | 19,611 | 16,280 | 18,134 | 15,007 | | |
| May | 14,009 | 13,050 | 18,180 | 16,967 | 16,484 | 15,377 | | |
| Jun | 12,543 | 13,344 | 18,917 | 19,900 | 14,477 | 15,126 | | |
| Jul | 13,349 | 13,695 | 16,354 | 16,872 | 12,986 | 13,442 | | |
| Aug | 11,760 | 12,850 | 15,152 | 16,623 | 12,823 | 14,097 | | |
| Sep | 11,624 | 13,758 | 14,600 | 17,174 | 10,899 | 12,785 | | |
| Oct | 11,831 | 13,810 | 13,929 | 16,488 | 9,792 | 11,679 | | |
| Nov | 11,387 | 13,179 | 15,160 | 17,612 | 10,264 | 11,970 | | |
| Dec | 15,087 | 14,806 | 17,329 | 16,918 | 11,217 | 10,918 | | |

# CHART XII UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS – I



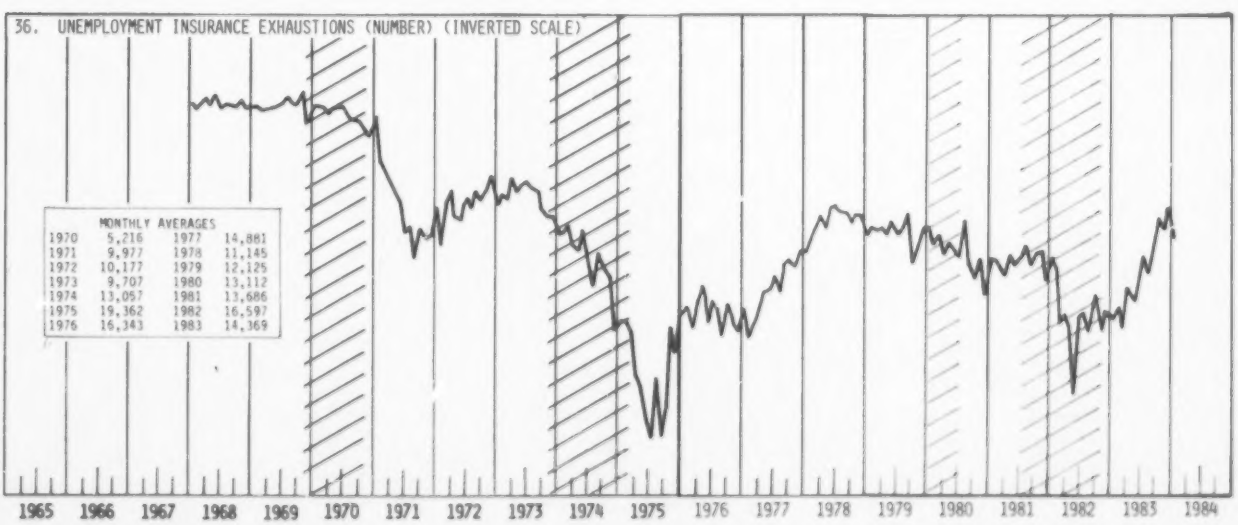



TABLE XIII UNEMPLOYMENT INSURANCE CLAIMANTS INDICATORS - II

37. INSURED UNEMPLOYMENT IN MANUFACTURING (000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 59.8 | 47.0 | 67.5 | 53.0 | 62.7 | 49.2 | 37.9 | 29.7 |
| Feb | 52.3 | 44.8 | 63.1 | 53.9 | 59.7 | 50.7 | | |
| Mar | 50.0 | 45.5 | 61.0 | 55.2 | 52.2 | 47.1 | | |
| Apr | 45.3 | 43.1 | 60.0 | 57.2 | 46.5 | 44.3 | | |
| May | 40.0 | 40.7 | 54.6 | 55.4 | 43.8 | 44.5 | | |
| Jun | 35.8 | 38.5 | 51.5 | 55.5 | 39.2 | 42.3 | | |
| Jul | 39.5 | 40.1 | 52.6 | 53.8 | 37.0 | 38.0 | | |
| Aug | 40.8 | 43.7 | 47.3 | 50.7 | 33.1 | 35.4 | | |
| Sep | 32.1 | 40.1 | 46.8 | 58.5 | 27.0 | 33.8 | | |
| Oct | 34.2 | 40.7 | 50.6 | 60.6 | 27.5 | 33.0 | | |
| Nov | 38.7 | 43.7 | 49.1 | 55.5 | 28.9 | 32.6 | | |
| Dec | 50.7 | 48.3 | 51.6 | 49.1 | 34.7 | 33.1 | | |

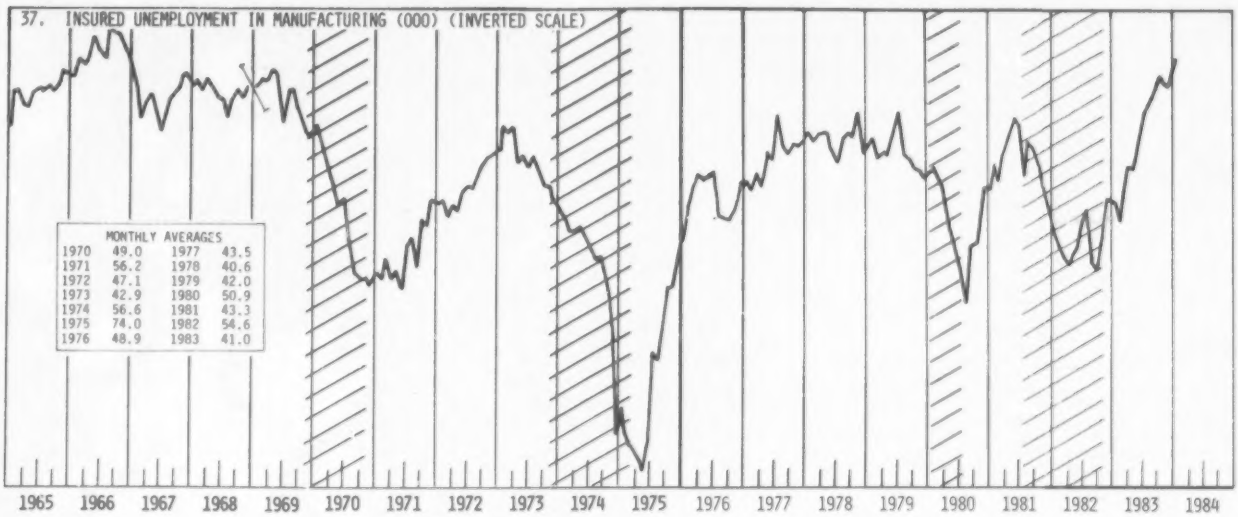
38. INSURED UNEMPLOYMENT IN CONSTRUCTION (000)

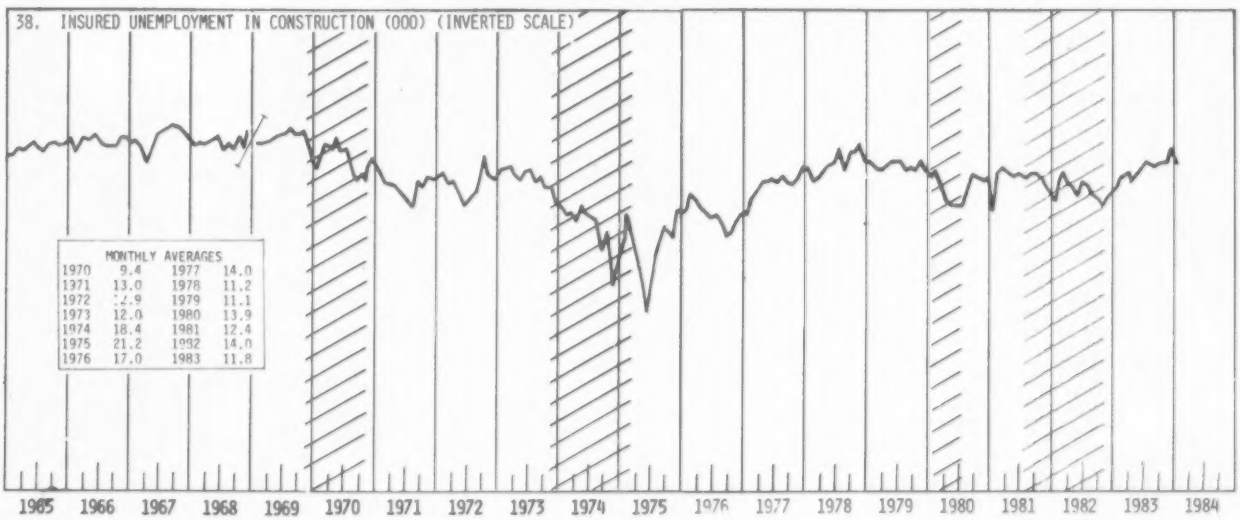
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 20.8 | 16.3 | 18.9 | 14.5 | 16.9 | 12.9 | 13.5 | 10.3 |
| Feb | 24.5 | 12.5 | 26.7 | 13.7 | 24.3 | 12.6 | | |
| Mar | 22.4 | 11.7 | 23.8 | 12.7 | 23.5 | 12.7 | | |
| Apr | 16.2 | 11.2 | 20.0 | 13.9 | 17.4 | 12.1 | | |
| May | 12.0 | 11.5 | 14.2 | 13.5 | 13.5 | 12.7 | | |
| Jun | 8.9 | 11.6 | 11.3 | 14.5 | 9.1 | 11.7 | | |
| Jul | 7.9 | 12.1 | 8.7 | 13.4 | 7.2 | 11.0 | | |
| Aug | 6.7 | 12.2 | 7.6 | 13.8 | 6.0 | 11.0 | | |
| Sep | 6.4 | 11.8 | 7.9 | 14.4 | 5.9 | 10.7 | | |
| Oct | 6.0 | 12.0 | 8.2 | 15.0 | 5.5 | 10.1 | | |
| Nov | 7.0 | 12.2 | 8.8 | 15.1 | 5.6 | 9.6 | | |
| Dec | 10.0 | 13.3 | 11.5 | 15.4 | 6.5 | 8.7 | | |

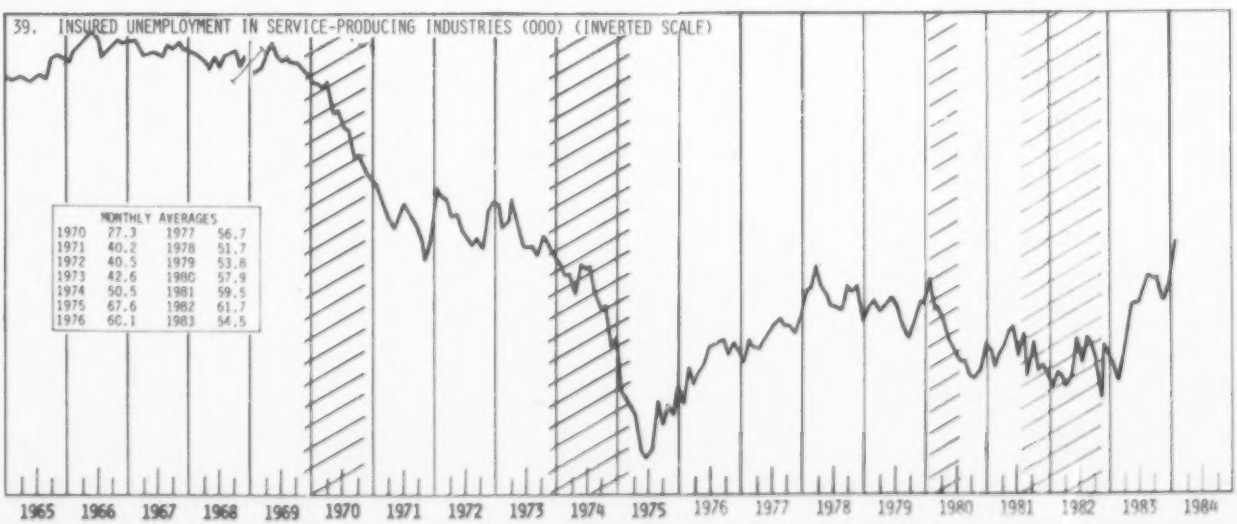
39. INSURED UNEMPLOYMENT IN SERVICE-PRODUCING INDUSTRIES (000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 67.0 | 59.5 | 71.8 | 63.6 | 68.4 | 60.2 | 50.5 | 44.6 |
| Feb | 67.8 | 60.9 | 68.4 | 61.0 | 70.3 | 62.6 | | |
| Mar | 63.3 | 59.6 | 66.0 | 61.8 | 63.9 | 60.0 | | |
| Apr | 57.5 | 58.8 | 62.4 | 63.6 | 54.8 | 55.9 | | |
| May | 52.9 | 57.8 | 57.7 | 63.2 | 49.2 | 54.0 | | |
| Jun | 51.0 | 57.0 | 56.4 | 62.9 | 47.8 | 53.6 | | |
| Jul | 62.0 | 60.0 | 63.9 | 61.8 | 53.0 | 51.4 | | |
| Aug | 62.4 | 58.2 | 63.7 | 60.1 | 53.6 | 50.8 | | |
| Sep | 55.8 | 61.7 | 53.6 | 59.1 | 45.7 | 50.4 | | |
| Oct | 52.4 | 58.4 | 54.5 | 61.0 | 45.0 | 50.4 | | |
| Nov | 57.6 | 60.1 | 62.1 | 64.1 | 50.1 | 51.5 | | |
| Dec | 64.0 | 61.7 | 60.6 | 58.6 | 51.9 | 50.4 | | |

## CHART XIII UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS – II



## NONFARM PAYROLL EMPLOYMENT IN NEW JERSEY
(thousands)

| | 1983 Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | 1984 Jan |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEASONALLY ADJUSTED | | | | | | | | | | | | | |
| TOTAL NONFARM | 3081.1 | 3082.7 | 3078.5 | 3078.1 | 3079.5 | 3078.6 | 3087.2 | 3079.7 | 3113.4 | 3125.1 | 3136.5 | 3142 1 | 3179.3 |
| PRIVATE SECTOR | 2555.3 | 2555.0 | 2550.5 | 2551.2 | 2552.6 | 2551.4 | 2568.0 | 2558.7 | 2579.9 | 2592.8 | 2604.4 | 2609.4 | 2647.1 |
| GOVERNMENT | 525.8 | 527.7 | 528.0 | 526.9 | 526.9 | 527.2 | 519.2 | 521.0 | 533.5 | 532.3 | 532.1 | 532.7 | 532.2 |
| NOT SEASONALLY ADJUSTED | | | | | | | | | | | | | |
| TOTAL NONFARM | 3016.2 | 3014.1 | 3032.5 | 3059.0 | 3085.0 | 3132.8 | 3134.5 | 3123.2 | 3124.4 | 3135.8 | 3147.9 | 3151.7 | 3110.1 |
| MANUFACTURING | 699.0 | 700.5 | 702.8 | 702.7 | 703.5 | 708.6 | 703.9 | 711.0 | 717.0 | 719.6 | 719.0 | 713.0 | 711.6 |
| Durable Goods | 332.1 | 332.8 | 334.3 | 334.2 | 332.5 | 334.1 | 333.6 | 334.4 | 337.8 | 340.6 | 341.2 | 340.4 | 341.0 |
| Lumber & Wood Products | 5.7 | 6.0 | 6.1 | 6.2 | 6.2 | 6.3 | 6.5 | 6.8 | 6.8 | 6.7 | 6.8 | 6.8 | 6.8 |
| Furniture & Fixtures | 9.5 | 9.4 | 9.7 | 9.9 | 9.7 | 9.5 | 9.8 | 9.8 | 10.0 | 10.1 | 10.1 | 10.0 | 10.0 |
| Stone, Clay & Glass Products | 25.1 | 24.8 | 25.2 | 25.2 | 23.3 | 23.7 | 23.4 | 23.5 | 23.9 | 25.2 | 25.1 | 24.2 | 24.0 |
| Glass & Glassware/pressed, blown | 10.0 | 9.7 | 9.9 | 9.8 | 7.9 | 8.3 | 8.2 | 8.2 | 8.3 | 9.4 | 9.1 | 8.5 | 8.4 |
| Pottery & related products | 3.1 | 3.1 | 3.2 | 3.2 | 3.2 | 3.2 | 3.1 | 3.1 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| Other stone, clay & glass prod. | 12.0 | 12.0 | 12.1 | 12.2 | 12.2 | 12.2 | 12.1 | 12.2 | 12.4 | 12.6 | 12.8 | 12.5 | 12.4 |
| Primary Metal Industries | 19.4 | 19.4 | 19.0 | 19.0 | 19.3 | 19.5 | 19.0 | 19.3 | 19.4 | 19.5 | 19.4 | 19.5 | 19.3 |
| Blast furn. & basic steel prod. | 3.5 | 3.4 | 3.3 | 3.2 | 3.4 | 3.4 | 3.4 | 3.5 | 3.4 | 3.5 | 3.4 | 3.3 | 3.3 |
| Iron & steel foundries | 2.4 | 2.5 | 2.4 | 2.5 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.7 | 2.7 |
| Primary & secondary nonfer. metal | 2.2 | 2.3 | 2.2 | 2.2 | 2.2 | 2.3 | 2.2 | 2.3 | 2.3 | 2.3 | 2.2 | 2.2 | 2.0 |
| Nonfer. rolling & drawing metal | 7.5 | 7.4 | 7.2 | 7.2 | 7.2 | 7.3 | 7.2 | 7.3 | 7.3 | 7.3 | 7.4 | 7.5 | 7.5 |
| Other primary metal industries | 3.8 | 3.8 | 3.9 | 3.9 | 3.9 | 3.9 | 3.6 | 3.6 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 |
| Fabricated Metals, incl. Ordnance | 50.2 | 50.4 | 51.1 | 51.2 | 51.2 | 51.5 | 51.8 | 52.2 | 52.6 | 52.8 | 53.2 | 53.3 | 53.0 |
| Metal cans | 5.3 | 5.4 | 5.5 | 5.6 | 5.6 | 5.6 | 5.7 | 5.9 | 5.9 | 5.9 | 5.7 | 5.6 | 5.6 |
| Cutlery, hand tools & hardware | 5.6 | 5.8 | 5.9 | 5.9 | 6.0 | 6.1 | 5.9 | 6.0 | 6.2 | 6.2 | 6.3 | 6.3 | 6.3 |
| Fabricated struct. metal prod. | 11.0 | 10.9 | 11.0 | 11.1 | 11.1 | 11.2 | 11.1 | 11.2 | 11.4 | 11.4 | 11.6 | 11.8 | 11.6 |
| Metal stampings | 6.9 | 6.9 | 7.1 | 7.0 | 7.0 | 7.1 | 7.1 | 7.1 | 7.2 | 7.4 | 7.3 | 7.4 | 7.4 |
| Other fab. metals, incl. ord. | 21.4 | 21.4 | 21.6 | 21.6 | 21.5 | 21.4 | 22.0 | 22.0 | 21.9 | 21.9 | 22.3 | 22.2 | 22.1 |
| Machinery, Except Electrical | 62.7 | 62.8 | 62.5 | 62.4 | 62.7 | 62.2 | 62.0 | 61.0 | 62.2 | 62.4 | 61.8 | 62.8 | 63.0 |
| Construction & related machinery | 4.6 | 4.5 | 4.6 | 4.6 | 4.6 | 4.6 | 4.4 | 4.4 | 4.4 | 4.1 | 4.2 | 4.2 | 4.2 |
| Metalworking machinery | 8.5 | 8.3 | 8.3 | 8.3 | 8.3 | 8.2 | 8.1 | 8.0 | 8.3 | 8.3 | 8.3 | 8.2 | 8.2 |
| Special industry machinery | 7.9 | 8.0 | 7.8 | 8.1 | 8.0 | 8.0 | 7.9 | 7.9 | 8.0 | 8.1 | 8.3 | 8.3 | 8.2 |
| General industry machinery | 13.4 | 13.4 | 13.3 | 13.3 | 13.4 | 13.3 | 13.2 | 13.1 | 13.1 | 13.1 | 12.3 | 13.1 | 13.5 |
| Service industry machinery | 6.4 | 6.7 | 6.7 | 6.6 | 6.7 | 6.3 | 6.3 | 5.7 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 |
| Other machinery, except elec. | 21.9 | 21.9 | 21.8 | 21.5 | 21.7 | 21.8 | 22.1 | 21.9 | 21.9 | 22.2 | 22.0 | 22.2 | 22.0 |
| Electrical Equipment & Supplies | 88.0 | 88.3 | 88.5 | 88.5 | 87.9 | 89.0 | 88.9 | 89.1 | 89.8 | 90.5 | 91.2 | 91.1 | 91.8 |
| Elec. test & distribution equip. | 3.6 | 3.6 | 3.5 | 3.6 | 3.6 | 3.6 | 3.5 | 3.5 | 3.5 | 2.9 | 3.6 | 3.6 | 3.7 |
| Electrical industrial apparatus | 6.0 | 6.0 | 5.9 | 6.0 | 6.0 | 5.9 | 6.0 | 6.0 | 6.0 | 6.1 | 6.1 | 6.0 | 6.0 |
| Elec. lighting & wiring equipt. | 11.3 | 11.3 | 11.5 | 11.7 | 11.3 | 11.4 | 11.3 | 11.7 | 11.8 | 12.0 | 11.9 | 11.6 | 11.7 |
| Radio & TV receiving equipment | 3.3 | 3.3 | 3.4 | 3.4 | 3.5 | 3.4 | 3.4 | 3.3 | 3.4 | 3.4 | 3.5 | 3.4 | 3.4 |
| Communication equipment | 38.4 | 38.7 | 38.6 | 38.6 | 38.5 | 39.3 | 39.6 | 39.5 | 39.6 | 39.7 | 40.0 | 40.2 | 40.2 |
| Electronic components & access. | 19.4 | 19.5 | 19.7 | 19.3 | 19.0 | 19.4 | 19.2 | 19.1 | 19.2 | 20.0 | 19.9 | 20.0 | 20.5 |
| Other elec. equipment & supplies | 6.0 | 5.9 | 5.9 | 5.9 | 6.0 | 6.0 | 5.9 | 6.0 | 6.3 | 6.4 | 6.2 | 6.3 | 6.3 |
| Transportation Equipment | 14.9 | 14.9 | 15.0 | 14.5 | 14.8 | 14.9 | 14.4 | 14.5 | 14.7 | 14.7 | 14.9 | 14.7 | 14.6 |
| Motor vehicles | 9.8 | 9.8 | 9.8 | 9.7 | 9.7 | 9.9 | 9.6 | 9.7 | 9.9 | 10.0 | 9.9 | 10.0 | 10.0 |
| Aircraft & parts | 2.6 | 2.6 | 2.6 | 2.3 | 2.5 | 2.4 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.0 | 1.9 |
| Ship & boat bldg. &-repairing | 2.2 | 2.2 | 2.3 | 2.2 | 2.3 | 2.3 | 2.1 | 2.2 | 2.2 | 2.1 | 2.4 | 2.4 | 2.4 |
| Other transportation equipment | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Instruments & Related Products | 34.9 | 34.5 | 34.5 | 34.4 | 34.4 | 34.2 | 33.9 | 33.9 | 33.8 | 33.4 | 33.4 | 33.5 | 33.9 |
| Engineering & scientific inst. | 5.6 | 5.5 | 5.6 | 5.5 | 5.5 | 5.6 | 5.6 | 5.6 | 5.6 | 5.7 | 5.7 | 5.7 | 5.7 |
| Other Instruments & Rel. Prod. | 29.3 | 29.0 | 28.9 | 28.9 | 28.9 | 28.6 | 28.3 | 28.3 | 28.2 | 27.7 | 27.7 | 27.8 | 28.2 |
| Miscellaneous Mfg. Industries | 21.7 | 22.3 | 22.7 | 22.9 | 23.0 | 23.3 | 23.9 | 24.3 | 24.6 | 25.3 | 25.3 | 24.5 | 24.6 |
| Nondurable Goods | 366.9 | 367.7 | 368.5 | 368.5 | 371.0 | 374.7 | 370.3 | 376.6 | 379.2 | 379.0 | 377.8 | 372.6 | 370.6 |
| Food & Kindred Products | 46.2 | 45.8 | 45.9 | 45.8 | 45.9 | 46.3 | 46.0 | 46.4 | 46.6 | 46.3 | 46.7 | 46.2 | 46.2 |
| Canned, cured & froze | 9.8 | 9.9 | 10.1 | 10.3 | 10.1 | 10.5 | 10.5 | 10.6 | 11.0 | 10.7 | 10.6 | 10.6 | 10.3 |
| Grain mill & bakery products | 13.1 | 12.6 | 12.6 | 12.5 | 12.5 | 12.4 | 12.5 | 12.5 | 12.4 | 12.4 | 12.6 | 12.5 | 12.5 |
| Beverages | 5.6 | 5.5 | 5.4 | 5.5 | 5.5 | 5.6 | 5.6 | 5.5 | 5.4 | 5.4 | 5.6 | 5.5 | 5.5 |
| Other food & kindred products | 17.7 | 17.8 | 17.8 | 17.5 | 17.8 | 17.8 | 17.4 | 17.8 | 17.8 | 17.8 | 17.9 | 17.6 | 17.9 |
| Tobacco Manufactures | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Textile Mill Products | 14.9 | 14.9 | 15.1 | 15.2 | 15.6 | 15.7 | 15.5 | 15.7 | 16.0 | 16.0 | 15.8 | 15.7 | 15.7 |
| Broad woven fabric mills | 1.0 | 1.0 | 1.0 | 1.1 | 1.1 | 1.1 | 1.2 | 1.1 | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 |
| Textile finishing, except wool | 4.5 | 4.6 | 4.7 | 4.6 | 4.7 | 4.7 | 4.6 | 4.6 | 4.7 | 4.6 | 4.6 | 4.5 | 4.5 |
| Other textile mill products | 9.4 | 9.3 | 9.4 | 9.5 | 9.8 | 9.9 | 9.7 | 10.0 | 10.2 | 10.3 | 10.0 | 10.0 | 10.0 |

NOTE: Nonfarm payroll employment includes civilians on nonfarm establishment payrolls who worked or received pay for any part of the pay period including the 12th of the month. It excludes proprietors, self-employed, unpaid family workers, and domestics in private households. Data are adjusted to March 1982 benchmarks.

## NONFARM PAYROLL EMPLOYMENT IN NEW JERSEY
(thousands)

| | 1983 Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | 1984 Jan |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Apparel & Other Textile Products | 48.0 | 49.4 | 49.6 | 49.5 | 52.2 | 53.8 | 51.2 | 55.3 | 56.3 | 56.5 | 55.3 | 51.3 | 50.0 |
| Men's & boys' suits and coats | 2.5 | 2.5 | 2.4 | 2.3 | 2.2 | 2.2 | 2.1 | 2.2 | 2.2 | 2.2 | 2.2 | 2.3 | 2.2 |
| Men's & boys' furnishings | 3.1 | 3.2 | 3.2 | 3.3 | 3.4 | 3.3 | 3.1 | 3.3 | 3.3 | 3.4 | 3.4 | 3.4 | 3.2 |
| Women's & misses' outerwear | 25.4 | 26.2 | 26.4 | 26.0 | 28.5 | 30.0 | 28.3 | 31.0 | 31.4 | 31.1 | 29.9 | 26.4 | 26.3 |
| Women's & children's undergarm. | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.0 | 4.2 | 4.3 | 4.4 | 4.5 | 4.5 | 4.6 |
| Other apparel & related products | 12.8 | 13.3 | 13.4 | 13.7 | 13.9 | 14.1 | 13.7 | 14.6 | 15.1 | 15.4 | 15.3 | 14.7 | 13.7 |
| Paper & Allied Products | 28.9 | 29.0 | 29.2 | 29.4 | 29.1 | 29.7 | 29.1 | 29.7 | 29.9 | 29.9 | 30.2 | 29.9 | 29.9 |
| Paper/p'b'rd mills ex. bldg. pap. | 2.4 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.4 | 2.3 | 2.4 | 2.4 |
| Paperboard containers & boxes | 11.6 | 11.6 | 11.7 | 11.7 | 11.7 | 11.9 | 11.5 | 11.9 | 12.1 | 12.0 | 12.1 | 12.0 | 12.0 |
| Other paper & allied products | 14.9 | 15.0 | 15.2 | 15.4 | 15.1 | 15.5 | 15.3 | 15.5 | 15.5 | 15.5 | 15.8 | 15.5 | 15.5 |
| Printing & Publishing | 57.7 | 57.4 | 56.8 | 56.9 | 57.0 | 57.1 | 57.1 | 57.2 | 57.4 | 57.5 | 57.6 | 57.8 | 58.1 |
| Newspapers | 15.7 | 15.6 | 15.5 | 15.6 | 15.6 | 15.7 | 15.7 | 15.6 | 15.6 | 15.8 | 15.9 | 15.9 | 16.1 |
| Commercial printing | 16.4 | 16.2 | 16.2 | 16.3 | 16.4 | 16.5 | 16.6 | 16.5 | 16.7 | 16.4 | 16.5 | 16.6 | 16.6 |
| Other printing & publishing | 25.6 | 25.6 | 25.1 | 25.0 | 25.0 | 24.9 | 24.8 | 25.1 | 25.1 | 25.3 | 25.2 | 25.3 | 25.4 |
| Chemicals & Allied Products | 120.5 | 120.5 | 121.0 | 120.7 | 120.2 | 121.1 | 121.1 | 121.7 | 121.8 | 121.5 | 121.0 | 121.1 | 120.2 |
| Industrial inorganic chemicals | 10.3 | 10.3 | 10.3 | 10.2 | 10.2 | 10.2 | 10.2 | 10.1 | 10.0 | 9.9 | 9.7 | 9.6 | 9.5 |
| Plastic materials & synthetics | 6.9 | 6.9 | 6.9 | 7.1 | 7.1 | 7.1 | 7.0 | 6.9 | 6.9 | 7.0 | 7.0 | 7.0 | 6.8 |
| Drugs | 43.1 | 43.3 | 43.1 | 43.3 | 43.0 | 43.9 | 43.7 | 43.9 | 44.2 | 44.5 | 44.4 | 44.6 | 44.1 |
| Soaps, cleaners & toilet goods | 23.8 | 24.0 | 24.4 | 24.0 | 24.1 | 24.2 | 24.3 | 24.9 | 25.1 | 24.3 | 24.1 | 24.3 | 23.9 |
| Paints & allied products | 4.6 | 4.5 | 4.6 | 4.6 | 4.6 | 4.7 | 4.9 | 4.9 | 4.7 | 4.8 | 4.8 | 4.7 | 4.7 |
| Industrial organic chemicals | 21.6 | 21.5 | 21.5 | 21.3 | 21.1 | 20.8 | 21.1 | 21.2 | 21.1 | 21.2 | 21.1 | 21.1 | 21.3 |
| Other chemicals & allied prods. | 10.2 | 10.0 | 10.2 | 10.2 | 10.1 | 10.2 | 9.9 | 9.8 | 9.8 | 9.8 | 9.9 | 9.8 | 9.9 |
| Petroleum & Coal Products | 10.6 | 10.4 | 10.2 | 10.1 | 10.1 | 10.0 | 9.8 | 9.7 | 9.6 | 9.5 | 9.4 | 9.4 | 9.1 |
| Petroleum refining | 8.6 | 8.4 | 8.1 | 8.1 | 8.0 | 7.9 | 7.6 | 7.5 | 7.5 | 7.4 | 7.3 | 7.3 | 7.2 |
| Other petroleum & coal products | 2.0 | 2.0 | 2.1 | 2.0 | 2.1 | 2.1 | 2.2 | 2.2 | 2.1 | 2.1 | 2.1 | 2.1 | 1.9 |
| Rubber & plastic products, NEC | 34.9 | 35.3 | 35.7 | 35.8 | 35.9 | 35.9 | 35.6 | 36.0 | 36.4 | 36.4 | 36.5 | 36.2 | 36.5 |
| Rubber & rubber products | 7.0 | 7.0 | 7.1 | 7.0 | 6.9 | 6.8 | 6.7 | 6.7 | 6.8 | 6.7 | 6.6 | 6.6 | 6.5 |
| Miscellaneous plastic products | 27.9 | 28.3 | 28.6 | 28.8 | 29.0 | 29.1 | 28.9 | 29.3 | 29.6 | 29.7 | 29.9 | 29.6 | 30.0 |
| Leather & Leather Products | 4.9 | 4.7 | 4.7 | 4.6 | 4.7 | 4.8 | 4.6 | 4.6 | 4.9 | 5.1 | 5.0 | 4.7 | 4.6 |
| Handbags, personal leather goods | 2.2 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.9 | 2.0 | 2.1 | 2.0 | 1.8 | 1.7 |
| Other leather & leather products | 2.7 | 2.7 | 2.7 | 2.8 | 2.7 | 2.8 | 2.6 | 2.7 | 2.9 | 3.0 | 3.0 | 2.9 | |
| NONMANUFACTURING | 2317.2 | 2313.6 | 2329.7 | 2356.3 | 2381.5 | 2424.0 | 2430.6 | 2412.2 | 2407.4 | 2416.2 | 2428.9 | 2438.7 | 2398.5 |
| Mining | 2.0 | 2.0 | 2.0 | 2.2 | 2.2 | 2.3 | 2.3 | 2.3 | 2.3 | 2.2 | 2.3 | 2.3 | 2.1 |
| Construction | 93.3 | 91.2 | 94.9 | 100.2 | 104.2 | 108.3 | 112.4 | 114.3 | 113.8 | 115.7 | 115.4 | 114.5 | 106.9 |
| Transportation, Communications | | | | | | | | | | | | | |
| Electric, Gas & Sanitary Serv. | 196.2 | 196.0 | 195.0 | 197.6 | 197.8 | 200.2 | 197.4 | 183.3 | 201.2 | 201.2 | 201.3 | 200.4 | 199.9 |
| Railroad transportation | 5.2 | 5.2 | 2.7 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.3 | 5.3 | 5.3 | 5.2 | 5.2 |
| Other transportation | 106.4 | 106.3 | 108.3 | 108.4 | 108.2 | 109.1 | 105.7 | 107.2 | 111.0 | 110.6 | 110.5 | 109.7 | 109.2 |
| Communications | 57.4 | 57.2 | 56.8 | 57.1 | 57.3 | 58.0 | 58.5 | 43.1 | 57.4 | 57.6 | 57.8 | 57.7 | 57.7 |
| Electric, Gas & Sanitary serv. | 27.2 | 27.3 | 27.2 | 26.9 | 27.1 | 27.9 | 28.0 | 27.8 | 27.5 | 27.7 | 27.7 | 27.8 | 27.8 |
| Wholesale & Retail Trade | 683.5 | 676.7 | 681.1 | 690.8 | 701.6 | 716.1 | 717.8 | 717.3 | 717.4 | 712.9 | 723.7 | 737.0 | 718.0 |
| Wholesale trade | 212.8 | 212.5 | 212.8 | 214.1 | 215.3 | 216.8 | 217.3 | 217.6 | 218.1 | 219.0 | 219.0 | 219.0 | 219.3 |
| Retail trade | 470.7 | 464.2 | 468.3 | 476.7 | 486.3 | 499.3 | 500.5 | 499.7 | 499.3 | 493.9 | 504.7 | 518.0 | 498.7 |
| Retail general merchandise | 69.4 | 66.1 | 66.2 | 66.3 | 66.7 | 67.9 | 67.9 | 68.0 | 69.2 | 71.4 | 79.8 | 87.6 | 82.2 |
| Food stores | 83.2 | 82.7 | 83.0 | 82.8 | 83.0 | 83.9 | 84.1 | 83.9 | 84.2 | 84.5 | 85.2 | 85.4 | 85.5 |
| Auto dealers & service sta. | 47.8 | 47.5 | 47.8 | 48.0 | 48.4 | 48.6 | 49.3 | 49.4 | 49.5 | 49.6 | 49.6 | 49.7 | 49.9 |
| Apparel & accessories | 40.4 | 39.4 | 39.6 | 40.3 | 40.6 | 41.0 | 41.0 | 40.7 | 41.4 | 42.8 | 45.3 | 48.0 | 44.7 |
| Eating & drinking places | 125.0 | 125.0 | 128.0 | 134.8 | 142.2 | 151.0 | 151.8 | 151.4 | 148.1 | 137.7 | 134.6 | 133.9 | 129.5 |
| Other retail trade | 104.9 | 103.5 | 103.7 | 104.5 | 105.4 | 106.9 | 106.4 | 106.3 | 106.9 | 107.9 | 110.2 | 113.4 | 106.9 |
| Finance, Insurance & Real Estate | 166.1 | 165.5 | 165.8 | 166.4 | 167.4 | 169.3 | 170.5 | 170.5 | 168.6 | 168.2 | 168.2 | 168.8 | 167.9 |
| Banking | 46.4 | 46.2 | 46.3 | 46.1 | 46.3 | 47.2 | 47.2 | 47.2 | 46.6 | 46.7 | 46.8 | 47.1 | 47.1 |
| Insurance agents & carriers | 68.7 | 68.5 | 68.3 | 68.1 | 68.2 | 67.9 | 68.2 | 68.1 | 67.8 | 67.8 | 67.8 | 68.0 | 68.0 |
| Other fin., insur. & real estate | 51.0 | 50.8 | 51.2 | 52.2 | 52.9 | 54.2 | 55.1 | 55.2 | 54.2 | 53.7 | 53.6 | 53.7 | 52.8 |
| Services | 653.2 | 654.6 | 660.7 | 670.1 | 679.3 | 695.2 | 702.5 | 702.7 | 691.0 | 687.3 | 683.4 | 681.0 | 674.4 |
| Medical & other health services | 185.0 | 184.9 | 185.4 | 185.6 | 186.0 | 188.6 | 189.2 | 190.4 | 189.8 | 190.9 | 190.7 | 190.9 | 191.9 |
| Hospitals | 102.0 | 102.0 | 102.0 | 102.2 | 102.3 | 103.7 | 104.3 | 104.5 | 104.0 | 104.5 | 104.4 | 104.2 | 104.6 |
| Educational services | 45.0 | 45.9 | 46.8 | 46.7 | 46.2 | 44.8 | 41.8 | 41.4 | 44.8 | 47.9 | 47.8 | 47.5 | 46.4 |
| Other services | 423.2 | 423.8 | 428.5 | 437.8 | 447.1 | 461.8 | 471.5 | 470.9 | 456.4 | 448.5 | 444.9 | 442.8 | 436.1 |
| Casinos | 28.0 | 27.9 | 28.1 | 29.1 | 29.9 | 31.1 | 32.5 | 32.5 | 31.8 | 31.3 | 31.2 | 30.6 | 30.7 |
| Government | 522.9 | 527.6 | 530.2 | 529.0 | 528.6 | 532.6 | 527.7 | 521.8 | 513.1 | 528.7 | 534.8 | 534.7 | 529.3 |
| Federal | 73.8 | 73.8 | 73.6 | 73.3 | 73.2 | 73.7 | 74.1 | 73.7 | 72.8 | 73.7 | 73.7 | 74.2 | 73.8 |
| Local | 352.0 | 355.0 | 357.1 | 356.4 | 356.3 | 361.4 | 357.5 | 351.9 | 342.5 | 355.2 | 359.6 | 360.5 | 357.5 |
| State* | 97.1 | 98.8 | 99.5 | 99.3 | 99.5 | 97.5 | 96.1 | 96.2 | 97.8 | 99.8 | 101.3 | 100.0 | 98.0 |
| Exec.-Leg.Jud.(Full-time only)** | 66.3 | 66.4 | 67.0 | 67.0 | 66.8 | 67.1 | 64.7 | 70.5 | 66.0 | 66.4 | 66.9 | 67.4 | 67.3 |
| Other | 26.8 | 27.0 | 27.3 | 27.1 | 27.6 | 26.4 | 26.3 | 25.7 | 25.6 | 27.7 | 28.5 | 27.1 | 25.9 |

* The total number of state employees reported under this heading is determined on the basis of a definition developed by the U.S. Bureau of Labor Statistics which is standardized throughout the nation. The definition includes both full-time and part-time workers in the executive departments, the legislature, and the judiciary, as well as all employees of authorities, commissions, the state university, and other agencies not included on the central state payroll.

** This sub-category of state government employment is limited to full-time employees of the executive departments, the legislature and the judiciary.

The figures are based on the central state payroll and are provided by the Department of Treasury.

NEW JERSEY'S NONFARM PAYROLL WORKERS BY MAJOR INDUSTRIES, 1958-1983
(thousands)

| Year | Total Nonfarm Payrolls | Manufacturing | Nonmanufacturing | Mining | Contract Construction | Transport. Comm., & Pub. Util. | Trade | Finance Insurance & Real Estate | Services | Government |
|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | 1,911.8 | 776.0 | 1,135.8 | 3.7 | 88.9 | 148.2 | 351.0 | 86.4 | 230.5 | 227.0 |
| 1959 | 1,970.9 | 801.9 | 1,169.0 | 3.6 | 96.3 | 147.0 | 360.3 | 86.7 | 241.6 | 233.5 |
| 1960 | 2,017.1 | 808.8 | 1,208.3 | 3.5 | 98.7 | 149.5 | 374.5 | 88.0 | 252.0 | 242.2 |
| 1961 | 2,033.6 | 791.5 | 1,242.0 | 3.4 | 100.0 | 150.1 | 380.1 | 90.6 | 264.2 | 253.6 |
| 1962 | 2,095.8 | 812.8 | 1,283.1 | 3.4 | 101.3 | 150.8 | 393.1 | 92.8 | 278.9 | 262.8 |
| 1963 | 2,129.4 | 809.4 | 1,320.0 | 3.5 | 101.2 | 151.9 | 405.3 | 94.5 | 291.5 | 272.1 |
| 1964 | 2,168.7 | 806.7 | 1,362.0 | 3.6 | 106.8 | 153.4 | 420.0 | 96.6 | 301.6 | 280.0 |
| 1965 | 2,259.0 | 837.5 | 1,421.6 | 3.5 | 110.6 | 157.0 | 438.5 | 98.6 | 315.6 | 295.4 |
| 1966 | 2,359.1 | 879.3 | 1,479.9 | 3.0 | 111.2 | 162.2 | 459.6 | 101.0 | 330.8 | 312.0 |
| 1967 | 2,421.5 | 882.8 | 1,538.8 | 2.8 | 112.2 | 166.3 | 472.0 | 104.7 | 351.6 | 329.2 |
| 1968 | 2,485.2 | 885.3 | 1,599.8 | 3.1 | 115.6 | 166.3 | 489.5 | 108.4 | 372.6 | 344.4 |
| 1969 | 2,569.6 | 892.5 | 1,677.1 | 3.3 | 118.1 | 176.2 | 514.9 | 111.3 | 393.2 | 360.1 |
| 1970 | 2,606.2 | 860.7 | 1,745.5 | 3.2 | 120.4 | 182.2 | 538.0 | 116.5 | 410.4 | 374.8 |
| 1971 | 2,607.6 | 818.3 | 1,789.4 | 3.0 | 117.6 | 181.1 | 558.3 | 120.4 | 421.0 | 388.0 |
| 1972 | 2,674.4 | 823.3 | 1,851.1 | 3.2 | 121.6 | 181.2 | 577.3 | 124.6 | 437.9 | 405.3 |
| 1973 | 2,760.8 | 842.6 | 1,918.2 | 3.3 | 126.8 | 186.4 | 596.9 | 131.0 | 456.8 | 417.1 |
| 1974 | 2,783.4 | 825.9 | 1,957.5 | 3.2 | 118.7 | 185.8 | 603.5 | 136.5 | 469.9 | 439.9 |
| 1975 | 2,699.9 | 747.9 | 1,952.0 | 2.8 | 99.2 | 174.3 | 599.3 | 135.2 | 471.1 | 470.2 |
| 1976 | 2,753.7 | 756.2 | 1,997.5 | 2.7 | 93.9 | 176.0 | 618.5 | 138.0 | 488.0 | 480.5 |
| 1977 | 2,836.9 | 767.3 | 2,069.6 | 2.9 | 94.5 | 178.2 | 637.3 | 142.9 | 509.8 | 504.0 |
| 1978 | 2,961.9 | 786.8 | 2,175.1 | 2.6 | 105.3 | 188.5 | 665.9 | 147.7 | 542.2 | 523.0 |
| 1979 | 3,027.2 | 799.1 | 2,228.1 | 2.6 | 113.7 | 190.4 | 678.6 | 153.9 | 571.0 | 517.8 |
| 1980 | 3,060.4 | 781.0 | 2,279.4 | 2.4 | 111.2 | 194.5 | 680.3 | 158.1 | 603.1 | 529.7 |
| 1981 | 3,098.1 | 770.7 | 2,327.4 | 2.3 | 108.7 | 196.5 | 690.6 | 161.8 | 638.5 | 529.0 |
| 1982 | 3,085.2 | 727.7 | 2,357.5 | 2.2 | 107.2 | 195.9 | 698.2 | 166.7 | 661.5 | 525.8 |
| 1983 | 3,096.7 | 708.7 | 2,388.0 | 2.2 | 106.5 | 197.3 | 706.3 | 168.0 | 680.0 | 527.7 |

| | Durable Goods | Lumber & Wood* | Furniture & Fixtures* | Stone, Clay & Glass | Primary Metals | Fabricated Metals | Nonelectrical Mach. | Electrical Machinery | Transport. Equipment | Instruments* | Misc. Mfg. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | 412.5 | 5.6 | 8.7 | 31.9 | 40.9 | 51.5 | 57.0 | 115.0 | 48.7 | 27.4 | 25.8 |
| 1959 | 431.1 | 5.9 | 9.2 | 33.1 | 41.7 | 54.3 | 57.6 | 121.4 | 50.5 | 30.2 | 27.0 |
| 1960 | 436.8 | 5.7 | 9.8 | 33.7 | 42.6 | 54.8 | 61.0 | 122.3 | 48.5 | 31.7 | 26.8 |
| 1961 | 421.9 | 5.6 | 9.0 | 34.4 | 40.7 | 54.2 | 57.3 | 119.5 | 41.7 | 31.9 | 27.6 |
| 1962 | 436.3 | 5.8 | 9.7 | 34.6 | 40.1 | 56.1 | 60.3 | 125.2 | 42.5 | 32.4 | 29.9 |
| 1963 | 426.0 | 5.7 | 8.9 | 34.9 | 38.6 | 55.7 | 60.1 | 121.7 | 39.0 | 32.9 | 28.7 |
| 1964 | 419.1 | 5.6 | 9.0 | 35.6 | 37.9 | 57.2 | 61.4 | 115.1 | 35.6 | 31.0 | 30.7 |
| 1965 | 438.7 | 5.6 | 9.4 | 36.9 | 39.8 | 60.8 | 65.4 | 118.4 | 36.8 | 32.7 | 32.9 |
| 1966 | 463.4 | 5.2 | 10.5 | 39.3 | 40.4 | 64.7 | 70.8 | 129.9 | 36.4 | 34.3 | 31.9 |
| 1967 | 464.6 | 5.0 | 11.0 | 39.1 | 38.6 | 66.2 | 75.0 | 131.1 | 32.0 | 36.5 | 30.0 |
| 1968 | 460.9 | 5.3 | 10.2 | 38.8 | 38.5 | 67.5 | 75.8 | 127.6 | 31.7 | 35.8 | 29.7 |
| 1969 | 463.3 | 5.2 | 11.0 | 40.9 | 39.4 | 69.8 | 76.2 | 124.5 | 31.4 | 34.7 | 30.2 |
| 1970 | 434.3 | 4.9 | 10.5 | 39.6 | 37.2 | 67.0 | 72.8 | 115.2 | 26.3 | 33.2 | 27.5 |
| 1971 | 404.6 | 4.5 | 10.6 | 39.0 | 33.3 | 62.9 | 66.3 | 104.6 | 25.2 | 32.4 | 25.6 |
| 1972 | 405.9 | 5.1 | 10.8 | 39.9 | 31.8 | 63.5 | 65.8 | 102.9 | 25.7 | 35.1 | 25.2 |
| 1973 | 420.5 | 5.3 | 10.6 | 40.8 | 32.0 | 66.2 | 72.1 | 108.1 | 25.3 | 34.4 | 25.9 |
| 1974 | 413.2 | 5.0 | 10.3 | 40.5 | 31.2 | 64.4 | 76.1 | 105.1 | 21.1 | 33.9 | 25.6 |
| 1975 | 363.0 | 4.6 | 8.9 | 36.0 | 26.1 | 58.1 | 68.4 | 88.1 | 19.3 | 31.2 | 22.4 |
| 1976 | 363.0 | 5.3 | 8.7 | 36.1 | 23.9 | 59.4 | 67.5 | 86.8 | 19.8 | 31.3 | 24.0 |
| 1977 | 370.0 | 5.8 | 8.9 | 35.1 | 23.0 | 61.1 | 71.0 | 87.9 | 20.7 | 32.0 | 24.5 |
| 1978 | 382.8 | 6.0 | 10.0 | 35.2 | 24.5 | 64.1 | 74.2 | 89.8 | 20.9 | 32.3 | 25.7 |
| 1979 | 395.9 | 6.7 | 10.3 | 35.3 | 25.5 | 64.5 | 76.4 | 92.9 | 21.6 | 35.6 | 27.1 |
| 1980 | 384.3 | 5.9 | 9.7 | 33.1 | 25.7 | 60.8 | 75.1 | 92.2 | 18.5 | 37.2 | 26.1 |
| 1981 | 374.2 | 6.1 | 9.6 | 30.9 | 25.4 | 58.8 | 72.5 | 91.1 | 17.5 | 37.1 | 25.3 |
| 1982 | 347.5 | 5.7 | 9.6 | 26.8 | 21.6 | 54.0 | 66.8 | 89.1 | 14.6 | 35.7 | 23.6 |
| 1983 | 335.7 | 6.4 | 9.8 | 24.4 | 19.3 | 51.7 | 62.3 | 89.3 | 14.7 | 34.1 | 23.7 |

| | Nondurable Goods | Food | Tobacco | Textiles | Apparel | Paper | Printing & Publishing | Chemicals | Petroleum | Rubber & Plastics* | Leather |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | 363.6 | 62.9 | 1.9 | 33.0 | 76.7 | 28.0 | 30.3 | 80.8 | 12.2 | 26.6 | 11.1 |
| 1959 | 370.8 | 62.3 | 1.8 | 33.2 | 79.2 | 28.3 | 31.5 | 82.4 | 11.8 | 29.3 | 11.1 |
| 1960 | 372.0 | 62.9 | 1.7 | 31.4 | 77.7 | 28.0 | 32.3 | 86.4 | 11.5 | 29.2 | 11.0 |
| 1961 | 369.6 | 63.9 | 1.6 | 29.1 | 76.4 | 28.1 | 32.6 | 87.0 | 11.1 | 29.2 | 10.8 |
| 1962 | 376.5 | 64.2 | 1.5 | 28.6 | 75.8 | 29.7 | 33.0 | 91.0 | 10.7 | 30.7 | 11.5 |
| 1963 | 383.4 | 64.9 | 1.4 | 27.9 | 74.5 | 31.4 | 34.6 | 94.8 | 10.5 | 31.7 | 11.7 |
| 1964 | 387.6 | 65.0 | 1.5 | 27.8 | 74.6 | 31.5 | 35.8 | 96.4 | 9.7 | 34.2 | 11.2 |
| 1965 | 398.8 | 66.4 | 1.4 | 28.5 | 77.3 | 31.3 | 37.5 | 98.9 | 9.8 | 36.0 | 11.5 |
| 1966 | 415.9 | 67.2 | 0.8 | 29.6 | 80.3 | 33.0 | 39.6 | 105.5 | 10.5 | 37.2 | 12.2 |
| 1967 | 418.1 | 65.3 | 0.6 | 29.1 | 78.5 | 33.7 | 41.5 | 110.9 | 9.6 | 37.7 | 11.3 |
| 1968 | 424.5 | 64.5 | 0.3 | 30.5 | 78.7 | 34.3 | 42.2 | 113.1 | 9.7 | 39.9 | 11.5 |
| 1969 | 429.2 | 63.2 | 0.3 | 30.8 | 77.2 | 35.0 | 43.3 | 117.4 | 10.0 | 41.4 | 10.6 |
| 1970 | 426.4 | 63.5 | 0.3 | 29.6 | 72.3 | 35.3 | 44.8 | 120.9 | 10.1 | 40.0 | 9.6 |
| 1971 | 413.7 | 61.8 | 0.3 | 29.4 | 69.8 | 35.9 | 43.8 | 117.5 | 10.1 | 36.8 | 9.5 |
| 1972 | 417.4 | 59.8 | 0.3 | 30.5 | 68.9 | 35.9 | 46.0 | 119.3 | 10.6 | 37.2 | 8.9 |
| 1973 | 422.7 | 58.7 | 0.2 | 31.3 | 68.7 | 36.8 | 46.9 | 124.1 | 10.9 | 38.5 | 9.0 |
| 1974 | 412.7 | 56.7 | 0.2 | 28.8 | 63.1 | 35.4 | 47.8 | 126.6 | 11.8 | 34.0 | 8.4 |
| 1975 | 384.9 | 53.6 | 0.2 | 24.5 | 57.9 | 32.1 | 46.4 | 121.0 | 12.1 | 29.3 | 7.9 |
| 1976 | 393.2 | 52.7 | 0.2 | 23.9 | 61.1 | 33.2 | 47.4 | 122.4 | 11.9 | 32.0 | 8.3 |
| 1977 | 397.3 | 50.2 | 0.3 | 22.8 | 59.7 | 33.4 | 49.7 | 127.2 | 11.9 | 34.2 | 7.9 |
| 1978 | 404.0 | 49.9 | 0.5 | 22.4 | 59.3 | 33.7 | 51.7 | 130.0 | 11.9 | 37.3 | 7.3 |
| 1979 | 403.3 | 49.5 | 0.4 | 21.5 | 56.5 | 33.9 | 54.1 | 129.6 | 11.9 | 38.8 | 6.9 |
| 1980 | 396.8 | 49.3 | 0.4 | 20.2 | 55.7 | 32.3 | 55.4 | 128.2 | 12.0 | 37.4 | 5.9 |
| 1981 | 396.4 | 48.1 | 0.3 | 19.0 | 56.1 | 31.3 | 57.7 | 128.9 | 11.8 | 37.3 | 5.9 |
| 1982 | 380.2 | 47.2 | 0.3 | 16.6 | 50.9 | 30.0 | 58.3 | 124.4 | 11.2 | 36.2 | 5.2 |
| 1983 | 371.0 | 46.2 | 0.3 | 15.5 | 52.5 | 29.5 | 57.3 | 121.1 | 9.9 | 35.9 | 4.8 |

*Data from 1972 forward are not precisely comparable with earlier figures because of SIC revisions. The revisions caused noticeable changes between the original and revised 1972 averages such as lumber (+700), furniture (-500), rubber (+2,000), and instruments (+3,000).

## AVERAGE WEEKLY GROSS DOLLAR EARNINGS OF PRODUCTION WORKERS IN NEW JERSEY
(Not seasonally adjusted)

| | 1983 Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | 1984 Jan |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL MANUFACTURING | 363.81 | 350.59 | 370.27 | 370.17 | 370.58 | 373.63 | 375.14 | 376.07 | 383.36 | 383.26 | 388.54 | 392.29 | 386.78 |
| Durable Goods | 372.78 | 356.20 | 380.64 | 381.89 | 383.05 | 383.05 | 384.19 | 384.30 | 394.99 | 397.20 | 400.87 | 406.17 | 398.35 |
| Lumber & Wood Products | 263.55 | 241.00 | 256.80 | 253.95 | 259.34 | 26[illegible] | 258.52 | 256.87 | 265.22 | 274.77 | 247.42 | 258.54 | 249.36 |
| Furniture & Fixtures | 259.29 | 261.21 | 287.04 | 279.20 | 268.13 | 26[illegible].53 | 276.46 | 278.40 | 278.07 | 282.34 | 275.25 | 271.55 | 254.22 |
| Stone, Clay & Glass Products | 395.92 | 373.92 | 396.72 | 398.54 | 399.77 | 406.95 | 408.60 | 412.22 | 413.71 | 414.48 | 426.55 | 425.15 | 411.58 |
| Glass & glassware/pressed,blown | 401.85 | 382.47 | 407.04 | 415.37 | 405.24 | 412.16 | 409.33 | 410.26 | 405.86 | 411.22 | 416.56 | 420.33 | 409.97 |
| Pottery & related products | 324.25 | 306.07 | 337.65 | 335.62 | 335.01 | 342.65 | 341.13 | 330.37 | 359.17 | 367.49 | 370.40 | 382.75 | 350.61 |
| Primary Metal Industries | 370.23 | 364.57 | 385.40 | 384.71 | 388.32 | 393.62 | 395.17 | 397.32 | 395.47 | 404.99 | 407.72 | 419.14 | 408.03 |
| Blast furn. & basic steel prod.* | 379.07 | 372.25 | 392.24 | 402.11 | 426.97 | 418.16 | 442.64 | 420.31 | 431.42 | 436.17 | 428.50 | 455.68 | 438.84 |
| Iron & Steel foundries* | 381.94 | 384.97 | 384.50 | 404.97 | 387.50 | 418.13 | 415.39 | 432.40 | 421.31 | 437.48 | 451.01 | 438.84 | 450.74 |
| Primary & secondary nonfer. met | 558.00 | 557.35 | 562.63 | 550.26 | 589.11 | 565.65 | 564.79 | 567.42 | 570.08 | 573.92 | 583.64 | 611.48 | 602.45 |
| Nonfer rolling & drawing metals | 315.33 | 301.43 | 339.04 | 329.75 | 322.60 | 331.21 | 326.51 | 339.45 | 335.75 | 348.30 | 353.58 | 362.64 | 340.77 |
| Fabricated Metals, incl. Ordnance | 366.03 | 346.20 | 374.39 | 378.14 | 380.83 | 386.63 | 380.16 | 385.28 | 392.89 | 396.86 | 404.62 | 407.40 | 410.33 |
| Metal cans | 473.04 | 414.47 | 465.04 | 422.42 | 444.29 | 467.64 | 440.43 | 453.11 | 455.10 | 460.93 | 461.32 | 457.32 | 473.89 |
| Cutlery, hand tools & hardware | 468.38 | 450.38 | 477.90 | 514.00 | 502.58 | 492.99 | 501.59 | 486.88 | 484.16 | 498.46 | 545.08 | 535.68 | 574.00 |
| Fabricated struct. metal prod. | 323.94 | 305.51 | 331.63 | 343.76 | 337.55 | 345.10 | 346.39 | 354.32 | 362.88 | 372.75 | 373.63 | 384.07 | 377.94 |
| Metal Stampings | 329.87 | 319.06 | 344.46 | 349.05 | 350.27 | 365.40 | 354.42 | 357.60 | 355.90 | 354.92 | 362.60 | 367.11 | 366.79 |
| Machinery, Except Electrical* | 378.46 | 365.18 | 389.20 | 390.22 | 391.02 | 394.00 | 389.64 | 393.20 | 403.74 | 405.14 | 408.95 | 424.45 | 410.66 |
| Construction & related machinery | 352.50 | 335.35 | 375.14 | 371.06 | 384.06 | 374.30 | 381.74 | 381.68 | 364.22 | 363.81 | 387.30 | 405.55 | 365.47 |
| Metalworking machinery | 365.36 | 363.80 | 378.68 | 380.42 | 377.06 | 381.51 | 386.91 | 383.54 | 397.17 | 393.74 | 410.31 | 431.93 | 417.06 |
| Special industry machinery | 435.60 | 416.58 | 459.12 | 451.55 | 452.93 | 436.44 | 422.14 | 439.35 | 463.08 | 476.19 | 467.04 | 480.48 | 485.82 |
| General industry machinery* | 402.98 | 388.48 | 421.37 | 417.68 | 415.84 | 422.87 | 417.96 | 411.46 | 425.99 | 434.93 | 438.90 | 439.95 | 417.75 |
| Service industry machinery* | 303.83 | 297.26 | 315.66 | 316.57 | 317.21 | 331.97 | 334.88 | 342.65 | 341.43 | 338.13 | 324.10 | 324.40 | 331.63 |
| Electrical Equipment & Supplies | 373.38 | 361.00 | 379.43 | 379.43 | 379.68 | 381.71 | 387.82 | 387.89 | 391.62 | 392.77 | 400.09 | 404.99 | 400.69 |
| Elec. test & distribution equip. | 284.66 | 269.50 | 298.16 | 314.53 | 316.48 | 312.46 | 315.08 | 323.96 | 320.45 | 320.67 | 339.66 | 344.71 | 331.32 |
| Elec. lighting & wiring equip. | 314.42 | 295.99 | 312.12 | 315.55 | 317.59 | 310.08 | 312.45 | 303.03 | 309.94 | 306.94 | 316.80 | 321.18 | 312.80 |
| Radio & TV receiving equipment* | 295.97 | 283.46 | 309.59 | 315.88 | 311.88 | 317.14 | 333.18 | 344.67 | 360.64 | 365.57 | 376.14 | 366.83 | 347.33 |
| Communication equipment | 462.58 | 456.23 | 472.60 | 464.54 | 471.52 | 469.28 | 476.44 | 476.57 | 476.99 | 480.53 | 484.36 | 483.65 | 491.77 |
| Electronic components & access. | 318.51 | 305.45 | 323.14 | 322.07 | 317.15 | 315.98 | 325.61 | 330.27 | 335.92 | 323.76 | 338.38 | 342.00 | 343.30 |
| Transportation Equipment | 547.65 | 516.57 | 559.33 | 562.17 | 565.63 | 545.01 | 556.65 | 560.26 | 613.71 | 627.49 | 597.37 | 608.85 | 553.32 |
| Motor vehicles & equipment | 613.42 | 567.57 | 616.62 | 621.40 | 620.01 | 599.85 | 612.28 | 619.08 | 685.09 | 698.54 | 666.90 | 681.01 | 627.70 |
| Ship & boat building & repairing | 374.87 | 360.13 | 391.62 | 371.36 | 408.24 | 395.86 | 394.13 | 398.93 | 394.45 | 401.76 | 383.90 | 380.46 | 375.02 |
| Instruments & Related Products | 411.51 | 378.97 | 413.76 | 410.61 | 405.30 | 402.95 | 410.75 | 414.96 | 422.15 | 419.76 | 424.15 | 430.53 | 423.69 |
| Miscellaneous Mfg. Industries | 269.19 | 258.17 | 283.91 | 285.42 | 293.06 | 282.66 | 287.03 | 289.44 | 298.41 | 294.59 | 299.21 | 292.18 | 296.16 |
| Nondurable Goods | 354.88 | 345.87 | 361.78 | 359.45 | 359.06 | 365.20 | 366.16 | 370.58 | 372.81 | 369.95 | 376.36 | 379.49 | 376.66 |
| Food & Kindred Products | 399.07 | 380.82 | 388.40 | 389.50 | 399.92 | 414.80 | 422.88 | 421.74 | 415.94 | 423.87 | 426.56 | 425.00 | 422.52 |
| Canned, cured & frozen food | 373.85 | 340.61 | 361.05 | 361.09 | 384.13 | 401.62 | 368.01 | 387.60 | 390.78 | 384.41 | 374.33 | 390.61 | 391.50 |
| Grain mill & bakery products | 328.23 | 302.91 | 348.57 | 340.86 | 343.77 | 337.31 | 344.76 | 344.27 | 349.08 | 346.50 | 358.34 | 357.47 | 347.53 |
| Beverages | 534.09 | 533.97 | 568.55 | 590.81 | 587.29 | 573.76 | 675.68 | 631.55 | 591.71 | 584.92 | 583.95 | 600.28 | 616.08 |
| Textile Mill Products | 297.19 | 282.75 | 308.91 | 308.76 | 308.48 | 307.19 | 312.42 | 328.50 | 346.32 | 324.97 | 321.96 | 325.50 | 305.44 |
| Textile finishing, except wool | 341.42 | 330.86 | 348.30 | 355.64 | 366.17 | 357.25 | 353.32 | 387.32 | 382.47 | 392.08 | 377.20 | 383.73 | 338.52 |
| Apparel & other Textile Products | [illegible].38 | 180.15 | 190.57 | 185.39 | 185.92 | 194.96 | 194.44 | 194.96 | 196.28 | 198.47 | 197.94 | 195.16 | 191.32 |
| Men's & boys' suits & coats | [illegible].34 | 177.34 | 191.05 | 188.36 | 188.94 | 194.53 | 198.45 | 195.49 | 203.55 | 202.49 | 211.63 | 210.66 | 199.06 |
| Men's & boys' furnishings | [illegible].48 | 177.31 | 191.04 | 188.37 | 187.62 | 191.48 | 179.10 | 185.64 | 188.57 | 194.57 | 192.34 | 186.50 | 181.78 |
| Women's & children's undergarm. | 221.14 | 205.51 | 215.63 | 220.43 | 219.56 | 210.74 | 225.85 | 236.72 | 254.13 | 258.61 | 254.31 | 239.08 | 223.67 |
| Paper & Allied Products | 379.31 | 360.90 | 390.01 | 379.22 | 387.66 | 387.16 | 394.74 | 404.49 | 406.66 | 415.80 | 417.93 | 419.32 | 416.30 |
| Paperboard containers & boxes | 353.03 | 323.84 | 359.60 | 340.10 | 346.75 | 352.13 | 354.49 | 367.02 | 372.60 | 377.65 | 389.25 | 377.29 | 361.92 |
| Printing & Publishing | 332.67 | 328.23 | 351.56 | 349.06 | 336.53 | 355.12 | 352.69 | 358.59 | 363.72 | 351.36 | 351.36 | 357.78 | 352.31 |
| Newspapers* | 331.54 | 349.47 | 356.37 | 364.62 | 368.87 | 370.21 | 358.10 | 363.88 | 371.11 | 374.62 | 389.98 | 390.52 | 406.41 |
| Commercial printing | 351.59 | 369.94 | 389.76 | 381.90 | 346.74 | 388.69 | 389.99 | 396.15 | 399.60 | 377.71 | 364.25 | 368.00 | 351.75 |
| Chemicals & Allied Products | 441.66 | 444.55 | 454.30 | 456.79 | 457.63 | 465.80 | 459.64 | 467.75 | 471.41 | 470.73 | 485.39 | 487.19 | 488.62 |
| Industrial inorganic chemical | 477.96 | 481.13 | 496.55 | 514.13 | 508.64 | 522.39 | 537.14 | 520.30 | 522.80 | 527.60 | 550.26 | 549.48 | 534.19 |
| Plastic materials & synthetics | 421.85 | 447.70 | 453.86 | 467.84 | 476.57 | 486.45 | 476.27 | 489.77 | 465.97 | 473.82 | 503.74 | 472.76 | 482.08 |
| Drugs | 412.48 | 404.29 | 407.43 | 410.46 | 411.37 | 408.91 | 406.21 | 418.40 | 422.90 | 423.46 | 427.87 | 433.76 | 452.00 |
| Soaps, cleaners & toilet goods* | 444.78 | 438.65 | 454.08 | 447.34 | 451.10 | 478.15 | 454.52 | 470.37 | 467.62 | 481.16 | 507.62 | 519.34 | 504.68 |
| Paints & allied products | 469.99 | 492.31 | 487.52 | 500.63 | 486.33 | 474.53 | 468.47 | 478.29 | 497.93 | 470.37 | 482.90 | 480.49 | 485.74 |
| Industrial organic chemicals | 472.78 | 478.39 | 496.94 | 497.24 | 474.32 | 497.95 | 494.32 | 492.77 | 510.34 | 496.04 | 511.27 | 509.85 | 516.60 |
| Petroleum & Coal Products | 646.07 | 676.35 | 665.03 | 672.88 | 689.72 | 660.33 | 678.48 | 674.08 | 664.17 | 663.83 | 700.19 | 670.80 | 671.67 |
| Petroleum refining* | 685.23 | 722.68 | 719.14 | 720.14 | 733.79 | 694.94 | 716.32 | 712.72 | 699.15 | 705.08 | 746.54 | 714.76 | 719.86 |
| Rubber & Plastic Products, NEC | 290.79 | 270.75 | 298.89 | 299.43 | 299.52 | 299.71 | 296.79 | 303.26 | 310.91 | 308.07 | 313.12 | 315.33 | 306.53 |
| Rubber & rubber products* | 265.73 | 268.26 | 285.82 | 290.33 | 284.93 | 285.14 | 286.44 | 292.40 | 293.38 | 292.00 | 309.32 | 314.67 | 314.16 |
| Miscellaneous plastic products | 296.33 | 271.82 | 302.12 | 301.49 | 302.43 | 302.95 | 298.48 | 305.45 | 314.70 | 311.86 | 313.87 | 314.91 | 305.29 |
| Leather & Leather Products | 230.11 | 207.81 | 218.97 | 223.18 | 233.94 | 238.14 | 238.57 | 249.69 | 244.08 | 236.17 | 227.14 | 230.11 | 230.08 |

Weekly earnings are affected by premium pay, shift differentials, piecework and incentive payments, length of workweek, and other factors.

* Data from 1982 forward are not comparable with earlier estimates because of significant differences between original and revised estimates.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN NEW JERSEY
(Not seasonally adjusted)

| | 1983 Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | 1984 Jan |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL MANUFACTURING | 40.2 | 38.4 | 40.6 | 40.5 | 40.5 | 40.7 | 40.6 | 41.1 | 41.4 | 41.3 | 41.6 | 41.6 | 40.8 |
| Durable Goods | 41.1 | 39.1 | 41.6 | 41.6 | 41.5 | 41.5 | 41.4 | 42.0 | 42.2 | 42.3 | 42.6 | 42.8 | 41.8 |
| Lumber & Wood Products | 41.9 | 39.9 | 42.8 | 41.7 | 42.1 | 42.1 | 41.1 | 41.7 | 42.3 | 42.6 | 40.1 | 41.7 | 38.6 |
| Furniture & Fixtures | 38.3 | 38.3 | 41.3 | 40.7 | 39.9 | 39.9 | 40.3 | 40.0 | 40.3 | 40.8 | 40.3 | 39.7 | 38.0 |
| Stone, Clay & Glass Products | 43.7 | 41.0 | 43.5 | 43.7 | 43.5 | 43.9 | 43.7 | 43.9 | 44.2 | 44.0 | 44.9 | 44.8 | 43.6 |
| Glass & Glassware/pressed, blown | 44.6 | 41.8 | 44.1 | 45.1 | 44.0 | 44.8 | 44.3 | 44.4 | 43.5 | 43.7 | 44.6 | 45.1 | 43.8 |
| Pottery & related products | 37.1 | 35.1 | 38.5 | 38.4 | 38.2 | 38.2 | 38.2 | 37.8 | 39.6 | 39.6 | 39.7 | 41.2 | 39.0 |
| Primary Metal Industries | 41.0 | 39.8 | 41.8 | 41.5 | 41.8 | 42.6 | 42.4 | 43.0 | 42.8 | 43.5 | 43.7 | 44.4 | 43.5 |
| Blast furn. & basic steel prod.* | 37.2 | 37.3 | 39.7 | 39.5 | 42.4 | 42.8 | 44.0 | 42.2 | 42.8 | 43.1 | 42.3 | 43.9 | 42.4 |
| Iron & steel foundries* | 43.8 | 44.3 | 43.3 | 44.6 | 43.2 | 45.4 | 45.2 | 47.0 | 46.4 | 47.5 | 48.6 | 47.7 | 47.9 |
| Primary & secondary nonfer. met. | 41.4 | 40.3 | 41.4 | 40.7 | 42.2 | 41.5 | 40.4 | 41.6 | 41.4 | 41.2 | 40.9 | 42.2 | 42.1 |
| Nonfer. rolling & drawing metals | 42.1 | 39.3 | 42.7 | 41.9 | 41.2 | 42.3 | 41.7 | 43.8 | 43.1 | 44.2 | 44.7 | 45.5 | 43.3 |
| Fabricated Metals, incl. Ordnance | 39.7 | 37.4 | 40.3 | 40.4 | 40.6 | 41.0 | 40.4 | 40.9 | 41.4 | 41.6 | 41.8 | 42.0 | 41.7 |
| Metal cans | 43.8 | 39.7 | 43.3 | 40.5 | 41.6 | 43.1 | 41.2 | 41.8 | 41.6 | 41.6 | 41.3 | 41.2 | 41.9 |
| Cutlery, hand tools & hardware | 40.8 | 38.2 | 40.5 | 42.2 | 42.7 | 42.1 | 42.4 | 41.9 | 41.1 | 42.1 | 44.1 | 43.2 | 44.6 |
| Fabricated struct. metal prod. | 38.2 | 36.5 | 39.2 | 40.3 | 39.9 | 40.6 | 40.8 | 41.2 | 42.0 | 42.6 | 42.7 | 43.3 | 41.9 |
| Metal Stampings | 38.9 | 36.8 | 40.1 | 39.8 | 39.4 | 40.6 | 39.6 | 40.0 | 39.5 | 39.7 | 40.2 | 40.7 | 40.8 |
| Machinery, Except Electrical* | 39.3 | 38.0 | 40.0 | 39.9 | 39.9 | 40.0 | 39.8 | 40.0 | 40.7 | 40.8 | 41.1 | 41.9 | 40.3 |
| Construction & related machinery | 37.7 | 35.3 | 39.2 | 39.1 | 40.3 | 39.4 | 39.6 | 39.8 | 37.9 | 37.7 | 39.4 | 40.8 | 37.6 |
| Metalworking machinery | 39.8 | 39.5 | 45.0 | 40.6 | 39.9 | 40.5 | 40.9 | 40.5 | 41.2 | 41.1 | 42.3 | 44.3 | 42.0 |
| Special industry machinery | 43.3 | 41.7 | 45.1 | 44.4 | 44.8 | 43.6 | 42.9 | 43.5 | 45.4 | 45.7 | 45.3 | 45.5 | 44.9 |
| General industry machinery* | 39.2 | 37.9 | 40.4 | 40.2 | 40.1 | 40.7 | 40.5 | 40.3 | 41.0 | 41.7 | 42.0 | 41.9 | 39.9 |
| Service industry machinery* | 36.3 | 35.6 | 37.4 | 37.2 | 37.1 | 37.3 | 37.5 | 38.2 | 39.2 | 39.0 | 38.4 | 38.3 | 37.9 |
| Electrical Equipment & Supplies | 42.0 | 40.2 | 42.3 | 42.3 | 42.0 | 41.9 | 42.2 | 42.3 | 42.8 | 42.6 | 43.3 | 43.5 | 42.9 |
| Elec. test & distribution equip. | 41.8 | 38.5 | 40.9 | 44.3 | 44.7 | 43.7 | 43.7 | 44.5 | 44.2 | 44.6 | 45.9 | 45.9 | 45.2 |
| Electric lighting & wiring equip | 39.8 | 37.7 | 39.5 | 40.3 | 40.1 | 39.4 | 39.5 | 39.1 | 40.2 | 39.2 | 40.0 | 40.4 | 39.1 |
| Radio & TV receiving equipment* | 40.6 | 38.1 | 41.5 | 41.4 | 41.2 | 40.4 | 41.7 | 43.3 | 44.6 | 45.3 | 46.9 | 45.4 | 43.2 |
| Communication equipment | 42.4 | 41.4 | 42.5 | 41.7 | 42.1 | 41.9 | 42.2 | 42.1 | 42.1 | 42.3 | 42.6 | 42.5 | 42.8 |
| Electronic components & access. | 43.1 | 41.0 | 43.2 | 43.7 | 42.8 | 42.3 | 42.9 | 43.4 | 44.2 | 43.4 | 44.7 | 45.1 | 44.7 |
| Transportation Equipment | 45.0 | 42.1 | 45.4 | 45.3 | 45.8 | 44.6 | 45.0 | 44.5 | 47.1 | 47.9 | 46.2 | 46.3 | 43.5 |
| Motor vehicles & equipment | 47.7 | 44.1 | 47.8 | 47.8 | 48.1 | 46.9 | 47.5 | 46.9 | 50.3 | 51.1 | 49.4 | 49.6 | 46.6 |
| Ship & boat building & repairing | 35.6 | 34.2 | 36.6 | 35.3 | 37.8 | 37.1 | 36.8 | 36.7 | 35.6 | 36.0 | 34.4 | 34.4 | 34.0 |
| Instruments & Related Products | 43.0 | 39.6 | 42.7 | 42.2 | 42.0 | 41.8 | 41.7 | 42.0 | 42.3 | 42.4 | 42.8 | 43.4 | 42.2 |
| Miscellaneous Mfg. Industries | 38.9 | 37.2 | 39.8 | 40.2 | 40.2 | 39.7 | 39.7 | 40.2 | 40.6 | 40.3 | 41.1 | 40.3 | 39.7 |
| Nondurable Goods | 39.3 | 37.8 | 39.8 | 39.5 | 39.5 | 40.0 | 39.8 | 40.5 | 40.7 | 40.3 | 40.6 | 40.5 | 39.9 |
| Food & Kindred Products | 41.7 | 39.3 | 41.1 | 40.7 | 41.4 | 42.5 | 42.5 | 42.6 | 42.4 | 42.6 | 43.0 | 42.8 | 42.0 |
| Canned, cured & frozen foods | 44.4 | 40.5 | 44.9 | 41.6 | 43.9 | 46.7 | 43.5 | 45.6 | 46.8 | 45.6 | 45.1 | 45.9 | 45.0 |
| Grain mill & bakery products | 38.3 | 35.1 | 39.7 | 39.0 | 38.8 | 38.2 | 39.0 | 38.9 | 39.4 | 39.6 | 41.0 | 40.9 | 39.9 |
| Beverages | 40.4 | 39.7 | 43.5 | 45.1 | 44.9 | 44.0 | 49.5 | 46.2 | 42.6 | 41.9 | 41.8 | 43.0 | 44.1 |
| Textile Mill Products | 40.6 | 37.7 | 40.7 | 41.5 | 41.8 | 41.4 | 41.6 | 43.8 | 46.3 | 43.1 | 43.1 | 43.4 | 41.5 |
| Textile finishing, except wool | 43.0 | 40.3 | 43.0 | 44.4 | 45.6 | 44.6 | 44.0 | 47.7 | 46.7 | 46.4 | 45.5 | 46.4 | 42.0 |
| Apparel & Other Textile Products | 33.0 | 30.9 | 32.8 | 31.8 | 32.0 | 33.1 | 32.9 | 33.1 | 33.1 | 33.3 | 33.1 | 32.8 | 32.1 |
| Men's and boys' suits & coats | 37.2 | 32.4 | 34.8 | 34.0 | 33.8 | 34.8 | 35.5 | 34.6 | 35.4 | 35.4 | 36.3 | 36.7 | 34.8 |
| Men's & boys' furnishings | 32.5 | 29.9 | 32.0 | 32.2 | 31.8 | 32.4 | 29.9 | 31.2 | 31.8 | 32.7 | 32.6 | 32.1 | 30.5 |
| Women's & children's undergarm. | 35.9 | 33.2 | 35.7 | 35.9 | 35.7 | 34.1 | 34.8 | 36.7 | 38.1 | 38.2 | 37.9 | 36.5 | 34.2 |
| Paper & Allied Products | 41.5 | 39.4 | 42.3 | 41.4 | 42.0 | 41.9 | 42.4 | 43.4 | 43.4 | 44.0 | 43.9 | 44.0 | 43.5 |
| Paperboard containers & boxes | 39.8 | 36.8 | 40.0 | 38.3 | 38.7 | 39.3 | 39.3 | 40.6 | 41.4 | 41.5 | 41.9 | 40.7 | 39.2 |
| Printing & Publishing | 36.9 | 35.6 | 37.6 | 37.9 | 36.9 | 37.9 | 37.6 | 38.6 | 38.9 | 37.7 | 37.7 | 37.9 | 37.4 |
| Newspapers* | 32.6 | 33.7 | 34.7 | 35.4 | 35.4 | 35.7 | 34.7 | 35.5 | 36.1 | 36.3 | 37.0 | 36.6 | 37.7 |
| Commercial printing | 36.7 | 36.7 | 38.1 | 38.0 | 35.6 | 37.7 | 37.9 | 38.8 | 39.1 | 36.6 | 36.1 | 36.4 | 35.0 |
| Chemicals & Allied Products | 41.2 | 41.2 | 42.3 | 42.1 | 42.1 | 42.5 | 41.9 | 42.6 | 42.7 | 42.6 | 43.3 | 43.0 | 42.6 |
| Industrial inorganic chemicals | 44.1 | 44.1 | 45.1 | 45.7 | 45.7 | 46.6 | 47.2 | 45.6 | 45.9 | 46.2 | 48.1 | 48.2 | 46.9 |
| Plastic materials & synthetics | 40.1 | 40.7 | 41.6 | 42.3 | 42.1 | 42.3 | 41.2 | 42.7 | 41.2 | 41.6 | 44.5 | 42.4 | 42.7 |
| Drugs | 39.7 | 39.1 | 40.3 | 40.4 | 39.9 | 39.7 | 39.4 | 40.0 | 40.2 | 40.1 | 40.1 | 40.2 | 40.0 |
| Soaps, cleaners & toilet goods* | 42.4 | 42.3 | 44.3 | 43.6 | 44.4 | 45.8 | 44.0 | 45.8 | 45.4 | 46.0 | 46.4 | 46.0 | 44.9 |
| Paints and allied products | 43.0 | 43.8 | 44.0 | 44.5 | 43.5 | 43.1 | 42.9 | 43.6 | 44.3 | 42.8 | 44.1 | 43.8 | 43.1 |
| Industrial organic chemicals | 40.1 | 40.1 | 40.8 | 40.1 | 39.8 | 39.9 | 39.8 | 39.9 | 40.6 | 40.1 | 41.0 | 40.4 | 41.0 |
| Petroleum & Coal Products | 42.9 | 43.3 | 43.1 | 43.3 | 44.1 | 43.5 | 44.0 | 44.0 | 43.1 | 42.8 | 44.4 | 43.0 | 42.7 |
| Petroleum refining* | 42.8 | 43.3 | 43.4 | 43.2 | 43.6 | 42.4 | 43.1 | 43.3 | 42.4 | 42.5 | 44.2 | 42.8 | 42.9 |
| Rubber & Plastic Products, NEC | 40.5 | 37.5 | 41.0 | 41.3 | 41.2 | 41.0 | 40.6 | 41.6 | 42.3 | 41.8 | 42.2 | 42.1 | 41.2 |
| Rubber and rubber products* | 37.8 | 36.9 | 39.1 | 39.5 | 39.3 | 38.9 | 38.5 | 40.0 | 40.3 | 40.0 | 41.8 | 41.9 | 41.5 |
| Miscellaneous plastic products | 41.1 | 37.7 | 41.5 | 41.7 | 41.6 | 41.5 | 41.0 | 41.9 | 42.7 | 42.2 | 42.3 | 42.1 | 41.2 |
| Leather & Leather Products | 40.8 | 38.2 | 40.7 | 40.8 | 41.7 | 42.0 | 42.3 | 43.5 | 43.2 | 42.4 | 41.0 | 40.3 | 39.6 |

Average hours worked or paid for are affected by labor turnover, changes in overtime hours, and part-time employment.

* Data from 1982 forward are not comparable with earlier estimates because of significant differences between original and revised estimates.

## AVERAGE HOURLY GROSS DOLLAR EARNINGS OF PRODUCTION WORKERS IN NEW JERSEY
(Not seasonally adjusted)

| | 1983 Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | 1984 Jan |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL MANUFACTURING | 9.05 | 9.13 | 9.13 | 9.14 | 9.15 | 9.18 | 9.24 | 9.15 | 9.26 | 9.28 | 9.34 | 9.43 | 9.48 |
| Durable Goods | 9.07 | 9.11 | 9.15 | 9.18 | 9.23 | 9.23 | 9.28 | 9.15 | 9.36 | 9.39 | 9.41 | 9.49 | 9.53 |
| Lumber & Wood Products | 6.29 | 6.04 | 6.00 | 6.09 | 6.16 | 6.24 | 6.29 | 6.16 | 6.27 | 6.45 | 6.17 | 6.20 | 6.46 |
| Furniture & Fixtures | 6.77 | 6.82 | 6.95 | 6.86 | 6.72 | 6.68 | 6.86 | 6.96 | 6.90 | 6.92 | 6.83 | 6.84 | 6.69 |
| Stone, Clay & Glass Products | 9.06 | 9.12 | 9.12 | 9.12 | 9.19 | 9.27 | 9.35 | 9.39 | 9.34 | 9.42 | 9.50 | 9.49 | 9.44 |
| Glass & glassware/pressed, blown | 9.01 | 9.15 | 9.23 | 9.21 | 9.21 | 9.20 | 9.24 | 9.24 | 9.33 | 9.41 | 9.34 | 9.32 | 9.36 |
| Pottery & related products | 8.74 | 8.72 | 8.77 | 8.74 | 8.77 | 8.97 | 8.93 | 8.74 | 9.07 | 9.28 | 9.33 | 9.29 | 8.99 |
| Primary Metal Industries | 9.03 | 9.16 | 9.22 | 9.27 | 9.29 | 9.24 | 9.32 | 9.24 | 9.24 | 9.31 | 9.33 | 9.44 | 9.38 |
| Blast Furn. & Basic Steel prod.* | 10.19 | 9.98 | 9.88 | 10.18 | 10.07 | 9.77 | 10.06 | 9.96 | 10.03 | 10.12 | 10.13 | 10.38 | 10.35 |
| Iron and Iron foundries* | 8.72 | 8.69 | 8.86 | 9.08 | 8.97 | 9.21 | 9.19 | 9.20 | 9.08 | 9.21 | 9.28 | 9.20 | 9.41 |
| Primary & secondary nonfer. met. | 13.43 | 13.83 | 13.59 | 13.52 | 13.96 | 13.63 | 13.98 | 13.64 | 13.77 | 13.93 | 14.27 | 14.49 | 14.31 |
| Nonfer. rolling & d awing metals | 7.49 | 7.67 | 7.94 | 7.87 | 7.83 | 7.83 | 7.83 | 7.75 | 7.79 | 7.88 | 7.91 | 7.97 | 7.87 |
| Fabricated Metals, incl. Ordnance | 9.22 | 9.23 | 9.29 | 9.36 | 9.38 | 9.43 | 9.41 | 9.42 | 9.49 | 9.54 | 9.68 | 9.70 | 9.84 |
| Metal cans | 10.80 | 10.44 | 10.74 | 10.43 | 10.68 | 10.85 | 10.69 | 10.84 | 10.94 | 11.08 | 11.17 | 11.10 | 11.31 |
| Cutlery, hand tools & hardware | 11.48 | 11.79 | 11.80 | 12 18 | 11.77 | 11.71 | 11.83 | 11.62 | 11.78 | 11.84 | 12.36 | 12.40 | 12.87 |
| Fabricated struct. metal prod. | 8.48 | 8.37 | 8.46 | 8.53 | 8.46 | 8.50 | 8.49 | 8.60 | 8.64 | 8.75 | 8.75 | 8.87 | 9.02 |
| Metal stampings | 8.48 | 8.68 | 8.59 | 8.77 | 8.89 | 9.00 | 8.95 | 8.94 | 9.01 | 8.94 | 9.02 | 9.02 | 8.99 |
| Machinery, Except Electrical* | 9.63 | 9.61 | 9.73 | 9.78 | 9.80 | 9.85 | 9.79 | 9.83 | 9.92 | 9.93 | 9.95 | 10.13 | 10.19 |
| Construction & related machinery | 9.35 | 9.50 | 9.57 | 9.49 | 9.53 | 9.50 | 9.64 | 9.59 | 9.61 | 9.65 | 9.83 | 9.94 | 9.72 |
| Metalworking machinery | 9.19 | 9.21 | 9.35 | 9.37 | 9.45 | 9.42 | 9.46 | 9.47 | 9.64 | 9.58 | 9.70 | 9.75 | 9.93 |
| Special industry machinery | 10.06 | 9.99 | 10.18 | 10.17 | 10.11 | 10.01 | 9.84 | 10.10 | 10.20 | 10.42 | 10.31 | 10.56 | 10.82 |
| General industry machinery* | 10.28 | 10.25 | 10.43 | 10.39 | 10.37 | 10.39 | 10.32 | 10.21 | 10.39 | 10.43 | 10.45 | 10.52 | 10.47 |
| Service industry machinery* | 8.37 | 8.35 | 8.44 | 8.51 | 8.55 | 8.90 | 8.93 | 8.97 | 8.71 | 8.67 | 8.44 | 8.47 | 8.75 |
| Electrical Equipment & Supplies | 8.89 | 8.98 | 8.97 | 8.97 | 9.04 | 9.11 | 9.19 | 9.17 | 9.15 | 9.22 | 9.24 | 9.31 | 9.34 |
| Elec. test & distribution equip. | 6.81 | 7.00 | 7.29 | 7.10 | 7.03 | 7.15 | 7.21 | 7.28 | 7.25 | 7.19 | 7.40 | 7.51 | 7.33 |
| Elec. lighting & wiring equip. | 7.90 | 7.85 | 7.65 | 7.83 | 7.92 | 7.87 | 7.91 | 7.75 | 7.71 | 7.83 | 7.92 | 7.95 | 8.00 |
| Radio & TV receiving equipment* | 7.29 | 7.44 | 7.46 | 7.63 | 7.57 | 7.85 | 7.99 | 7.96 | 8.05 | 8.07 | 8.02 | 8.08 | 8.04 |
| Communication equipment | 10.91 | 11.02 | 11.12 | 11.14 | 11.20 | 11.20 | 11.29 | 11.32 | 11.33 | 11.36 | 11.37 | 11.38 | 11.49 |
| Electric components & access. | 7.39 | 7.45 | 7.48 | 7.37 | 7.41 | 7.47 | 7.59 | 7.61 | 7.60 | 7.46 | 7.57 | 7.60 | 7.68 |
| Transportation Equipment | 12.17 | 12.27 | 12.32 | 12.41 | 12.35 | 12.22 | 12.37 | 12.59 | 13.03 | 13.10 | 12.93 | 13.15 | 12.72 |
| Motor vehicles & equipment | 12.86 | 12.87 | 12.90 | 13.00 | 12.89 | 12.79 | 12.89 | 13.20 | 13.62 | 13.67 | 13.50 | 13.73 | 13.47 |
| Ship & boat building & repairing | 10.53 | 10.53 | 10.70 | 10.52 | 10.80 | 10.67 | 10.71 | 10.87 | 11.08 | 11.16 | 11.16 | 11.06 | 11.03 |
| Instruments & Related Products | 9.57 | 9.57 | 9.69 | 9.73 | 9.65 | 9.64 | 9.85 | 9.88 | 9.98 | 9.90 | 9.91 | 9.92 | 10.04 |
| Miscellaneous Mfg. Industries | 6.92 | 6.94 | 6.97 | 7.10 | 7.29 | 7.12 | 7.23 | 7.20 | 7.35 | 7.31 | 7.28 | 7.25 | 7.46 |
| Nondurable Goods | 9.03 | 9.15 | 9.09 | 9.10 | 9.09 | 9.13 | 9.20 | 9.15 | 9.16 | 9.18 | 9.27 | 9.37 | 9.44 |
| Food & Kindred Products | 9.57 | 9.69 | 9.55 | 9.57 | 9.66 | 9.76 | 9.95 | 9.90 | 9.81 | 9.95 | 9.92 | 9.93 | 10.06 |
| Canned, cured & frozen foods | 8.42 | 8.41 | 8.84 | 8.68 | 8.75 | 8.60 | 8.46 | 8.50 | 8.35 | 8.43 | 8.30 | 8.51 | 8.70 |
| Grain mill & bakery products | 8.57 | 8.63 | 8.78 | 8.74 | 8.86 | 8.83 | 8.84 | 8.85 | 8.86 | 8.75 | 8.74 | 8.74 | 8.71 |
| Beverages | 13.22 | 13.45 | 13.07 | 13.10 | 13.08 | 13.04 | 13.65 | 13.67 | 13.89 | 13.96 | 13.97 | 13.96 | 13.97 |
| Textile Mill Products | 7.32 | 7.50 | 7.59 | 7.44 | 7.38 | 7.42 | 7.51 | 7.50 | 7.48 | 7.54 | 7.47 | 7.50 | 7.36 |
| Textile finishing, except wool | 7.94 | 8.21 | 8.10 | 8.01 | 8.03 | 8.01 | 8.03 | 8.12 | 8.19 | 8.45 | 8.29 | 8.27 | 8.06 |
| Apparel & Other Textile Products | 5.86 | 5.83 | 5.81 | 5.83 | 5.81 | 5.89 | 5.91 | 5.89 | 5.93 | 5.96 | 5.98 | 5.95 | 5.96 |
| Men's and boys' suits & coats | 5.52 | 5.35 | 5.49 | 5.54 | 5.59 | 5.59 | 5.59 | 5.65 | 5.75 | 5.72 | 5.83 | 5.74 | 5.72 |
| Men's & boys' furnishings | 5.83 | 5.93 | 5.97 | 5.85 | 5.90 | 5.91 | 5.99 | 5.95 | 5.93 | 5.95 | 5.90 | 5.81 | 5.96 |
| Women's & children's undergarm. | 6.16 | 6.19 | 6.04 | 6.14 | 6.15 | 6.18 | 6.49 | 6.45 | 6.67 | 6.77 | 6.71 | 6.55 | 6.54 |
| Paper & Allied Products | 9.14 | 9.16 | 9.22 | 9.16 | 9.23 | 9.24 | 9.31 | 9.32 | 9.37 | 9.45 | 9.52 | 9.53 | 9.57 |
| Paperboard containers & boxes | 8.87 | 8.80 | 8.99 | 8.88 | 8.96 | 8.96 | 9.02 | 9.04 | 9.00 | 9.10 | 9.29 | 9.27 | 9.23 |
| Printing & Publishing | 9.04 | 9.22 | 9.35 | 9.21 | 9.12 | 9.37 | 9.38 | 9.29 | 9.35 | 9.32 | 9.32 | 9.44 | 9.42 |
| Newspapers* | 10.17 | 10.37 | 10.27 | 10.30 | 10.42 | 10.37 | 10.32 | 10.25 | 10.28 | 10.32 | 10.54 | 10.67 | 10.78 |
| Commercial printing | 9.58 | 10.08 | 10.23 | 10.05 | 9.74 | 10.31 | 10.29 | 10.21 | 10.22 | 10.32 | 10.09 | 10.11 | 10.05 |
| Chemicals & Allied Products | 10.72 | 10.79 | 10.74 | 10.85 | 10.87 | 10.96 | 10.97 | 10.98 | 11.04 | 11.05 | 11.21 | 11.33 | 11.47 |
| Industrial inorganic chemicals | 10.77 | 10.91 | 11.01 | 11.25 | 11.13 | 11.21 | 11.38 | 11.41 | 11.39 | 11.42 | 11.44 | 11.40 | 11.39 |
| Plastic materials & synthetics | 10.52 | 11.00 | 10.91 | 11.06 | 11.32 | 11.50 | 11.56 | 11.47 | 11.31 | 11.39 | 11.32 | 11.15 | 11.29 |
| Drugs | 10.39 | 10.34 | 10.11 | 10.16 | 10.31 | 10.30 | 10.31 | 10.46 | 10.52 | 10.56 | 10.67 | 10.79 | 11.30 |
| Soaps, cleaners & toilet goods* | 10.49 | 10.37 | 10.25 | 10.26 | 10.16 | 10.44 | 10.33 | 10.27 | 10.30 | 10.46 | 10.94 | 11.29 | 11.24 |
| Paints & allied products | 10.93 | 11.24 | 11.08 | 11.25 | 11.18 | 11.01 | 10.92 | 10.97 | 11.24 | 10.99 | 10.95 | 10.97 | 11.27 |
| Industrial organic chemicals | 11.79 | 11.93 | 12.18 | 12.40 | 12.42 | 12.48 | 12.42 | 12.35 | 12.57 | 12.37 | 12.47 | 12.62 | 12.60 |
| Petroleum & Coal Products | 15.06 | 15.62 | 15.43 | 15.54 | 15.64 | 15.18 | 15.42 | 15.32 | 15.41 | 15.51 | 15.77 | 15.60 | 15.73 |
| Petroleum refining* | 16.01 | 16.69 | 16.57 | 16.67 | 16.83 | 16.39 | 16.62 | 16.46 | 16.49 | 16.59 | 16.89 | 16.70 | 16.78 |
| Rubber & Plastic Products, NEC | 7.18 | 7.22 | 7.29 | 7.25 | 7.27 | 7.31 | 7.31 | 7.29 | 7.35 | 7.37 | 7.42 | 7.49 | 7.44 |
| Rubber & rubber products* | 7.03 | 7.27 | 7.31 | 7.35 | 7.25 | 7.33 | 7.44 | 7.31 | 7.28 | 7.30 | 7.40 | 7.51 | 7.57 |
| Miscellaneous plastic products | 7.21 | 7.21 | 7.28 | 7.23 | 7.27 | 7.30 | 7.28 | 7.29 | 7.37 | 7.39 | 7.42 | 7.48 | 7.41 |
| Leather & Leather Products | 5.64 | 5.44 | 5.38 | 5.47 | 5.61 | 5.67 | 5.64 | 5.74 | 5.65 | 5.57 | 5.54 | 5.71 | 5.81 |

Hourly earnings include paid holidays, vacation, and sick leave. They are affected by changes in work force composition and in wage rates.

* Data from 1982 forward are not comparable with earlier estimates because of significant differences between original and revised estimates.

NEW JERSEY LABOR FORCE DATA
(thousands)

| | Jan 1984 | Dec* 1983 | Jan* 1983 | Net change from month ago | Net change from year ago |
|---|---|---|---|---|---|
| Civilian Labor Force | 3,750 | 3,758 | 3,582 | - 8.0 | 168.0 |
| Total Employment | 3,464 | 3,512 | 3,261 | -48.0 | 203.0 |
| Total Unemployment | 287 | 246 | 321 | 41.0 | - 34.0 |
| Seasonally adjusted unemployment total | 271 | 259 | 305 | 12.0 | - 34.0 |
| Unemployment Rate | 7.6 | 6.5 | 9.0 | 1.1 | - 1.4 |
| Seasonally adjusted unemployment rate | 7.2 | 6.9 | 8.5 | 0.3 | - 1.3 |

Note: Based on U.S. Bureau of Labor Statistics method.
*Based on revised CPS population controls provided by BLS.

UNEMPLOYMENT INSURANCE CLAIMS IN NEW JERSEY*

| Program | Jan 1984 | Dec 1983 | Jan 1983 | Net change from month ago | Net change from year ago |
|---|---|---|---|---|---|
| Regular State UI Program | 109,804 | 99,794 | 161,695 | +10,010 | -51,891 |
| Federal Employees' Program | 695 | 432 | 825 | + 263 | - 130 |
| Veterans' Program | 628 | 1,094 | 798 | - 466 | - 170 |
| Extended Benefits[1] | 7 | 4 | 108 | + 3 | - 101 |
| Federal Supplemental Compensation[2] | 18,082 | 38,733 | 25,629 | -20,651 | - 7,547 |
| TOTAL | 129,216 | 140,057 | 189,055 | -10,841 | -59,839 |

[1]Provides 13 additional weeks of benefits to workers exhausting regular state UI benefits. Extended Benefits "triggered off" in June 1981. Current figures reflect claims that were initially denied but declared valid on appeal and paid retroactively.
[2]Provides up to 12 additional weeks of unemployment benefits for eligible workers. This is a temporary program, which began September 12, 1982 and extends through March 31, 1985.

CHARACTERISTICS OF THE NEW JERSEY INSURED UNEMPLOYED*
(Regular State UI Program Only)
(thousands)

| | Jan 1984 | Dec 1983 | Jan 1983 | Net change from month ago | Net change from year ago |
|---|---|---|---|---|---|
| TOTAL INSURED UNEMPLOYED | 109.8 | 99.8 | 161.7 | +10.0 | -51.9 |
| Male | 63.8 | 54.9 | 94.5 | + 8.9 | -30.7 |
| Female | 46.0 | 44.9 | 67.2 | + 1.1 | -21.2 |
| White, not Hispanic | 70.7 | 65.4 | 108.9 | + 5.3 | -38.2 |
| Black, not Hispanic | 21.8 | 21.6 | 33.4 | + 0.2 | -11.6 |
| Hispanic | 15.5 | 11.8 | 18.6 | + 3.7 | - 3.1 |
| American Indian or Alaskan Native | 0.3 | 0.3 | 0.2 | 0.0 | + 0.1 |
| Asian or Pacific Islander | 0.6 | 0.3 | 0.1 | + 0.3 | + 0.5 |
| INA | 0.9 | 0.4 | 0.6 | + 0.5 | + 0.3 |
| MANUFACTURING | 37.9 | 34.7 | 62.7 | + 3.2 | -24.8 |
| Durable Goods | 14.7 | 14.2 | 29.0 | + 0.5 | -14.3 |
| Fabricated metals, incl. ordn. | 2.2 | 1.8 | 5.0 | + 0.4 | - 2.8 |
| Machinery except electrical | 2.8 | 2.4 | 5.2 | + 0.4 | - 2.4 |
| Electrical machinery | 2.6 | 2.7 | 4.7 | - 0.1 | - 2.1 |
| Nondurable Goods | 23.9 | 20.5 | 33.7 | + 3.4 | - 9.8 |
| Food & kindred products | 2.5 | 2.4 | 3.1 | + 0.1 | - 0.6 |
| Textile mill products | 1.0 | 1.0 | 2.1 | 0.0 | - 1.1 |
| Apparel & other textile products | 10.6 | 8.0 | 14.7 | + 2.6 | - 4.1 |
| Printing & publishing | 1.6 | 1.8 | 2.8 | - 0.2 | - 1.2 |
| Chemicals & allied products | 3.4 | 3.3 | 4.4 | + 0.1 | - 1.0 |
| Rubber & misc. plastic products | 1.9 | 1.7 | 3.3 | + 0.2 | - 1.4 |
| NONMANUFACTURING | 71.5 | 64.5 | 95.6 | + 7.0 | -24.1 |
| Contract construction | 13.5 | 6.5 | 16.9 | + 7.0 | - 3.4 |
| Transportation & public utilities | 5.2 | 5.0 | 5.6 | + 0.2 | - 0.4 |
| Wholesale & retail trade | 22.3 | 22.5 | 30.3 | - 0.2 | - 8.0 |
| Finance, insurance, & real estate | 3.5 | 3.5 | 3.7 | 0.0 | - 0.2 |
| Services | 19.5 | 20.9 | 28.8 | - 1.4 | - 9.3 |
| BY AGE OF CLAIMANT | | | | | |
| Under 25 | 20.4 | 18.2 | 29.8 | + 2.2 | - 9.4 |
| 25 through 34 | 33.5 | 31.6 | 48.7 | + 1.9 | -15.2 |
| 35 through 44 | 21.9 | 19.5 | 30.8 | + 2.4 | - 8.9 |
| 45 through 54 | 16.2 | 14.0 | 25.6 | + 2.2 | - 9.4 |
| 55 through 64 | 14.3 | 12.5 | 22.2 | + 1.8 | - 7.9 |
| 65 & over | 3.5 | 4.0 | 4.6 | - 0.5 | - 1.1 |
| BY DURATION OF UNEMPLOYMENT | | | | | |
| 1 to 2 weeks | 13.7 | 14.4 | 18.1 | - 0.7 | - 4.4 |
| 3 to 4 weeks | 17.7 | 12.7 | 21.6 | + 5.0 | - 3.9 |
| 5 through 14 weeks | 57.0 | 49.6 | 83.1 | + 7.4 | -26.1 |
| 15 weeks & over | 21.5 | 23.1 | 38.9 | - 1.6 | -17.4 |

*Data are for claimants in the week including the 19th of the month and are not seasonally adjusted. The data on characteristics of the insured unemployed under the Regular State UI Program are based on a sample of all insured unemployed. Industry data are for selected categories and do not add to totals.

RESIDENTIAL CONSTRUCTION AUTHORIZED BY BUILDING PERMITS IN NEW JERSEY

| | Dec[1] 1983 | Nov[2] 1983 | Year to Date[3] 1983 | 1982 | % Change |
|---|---|---|---|---|---|
| TOTAL DWELLING UNITS AUTHORIZED | 2,944 | 2,480 | 31,797 | 19,064 | + 66.8 |
| Private Units | 2,944 | 2,480 | 31,302 | 18,861 | + 66.0 |
| Single Family | 1,876 | 1,539 | 19,965 | 11,734 | + 70.1 |
| Two-Family | 148 | 124 | 1,294 | 842 | + 53.7 |
| Three-or-Four Family | 16 | 58 | 565 | 315 | + 79.4 |
| Five or More Family | 904 | 759 | 9,478 | 5,970 | + 58.8 |
| Public Units | 0 | 0 | 495 | 203 | +143.8 |
| ESTIMATED VALUE OF RESIDENTIAL PERMITS (000) | $222,169 | $153,625 | $1,938,958 | $1,149,726 | + 68.6 |
| New Buildings | $146,794 | $126,019 | $1,572,286 | $ 882,959 | + 78.1 |
| Additions and Alterations | $ 75,375 | $ 27,606 | $ 366,672 | $ 266,767 | + 37.5 |

[1]Based on reports received from 446 of 567 municipalities.
[2]Based on reports received from 437 of 567 municipalities.
[3]Does not include any late reports.

SOURCE: N.J. Department of Labor

OFFICIAL BLS SAMPLE ESTIMATES
STANDARD ERRORS AND COEFFICIENTS OF VARIATION
(not seasonally adjusted)

| | | RESIDENT EMPLOYMENT (in thousands) | | | UNEMPLOYMENT (in thousands) | | | UNEMPLOYMENT RATE (percent of labor force) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Year | Month | Estimate | Standard Error | Coefficient of Variation | Estimate | Standard Error | Coefficient of Variation | Estimate | Standard Error | Coefficient of Variation |
| 1981 | Jan | 3,296 | ±55 | 1.7% | 288 | ±24 | 8.3% | 8.0% | ±.7 | 8.8% |
| | Feb | 3,265 | ±55 | 1.7% | 272 | ±24 | 8.8% | 7.7% | ±.7 | 9.1% |
| | Mar | 3,286 | ±55 | 1.7% | 311 | ±25 | 8.0% | 8.6% | ±.7 | 8.1% |
| | Apr | 3,304 | ±55 | 1.7% | 270 | ±24 | 8.9% | 7.5% | ±.6 | 8.0% |
| | May | 3,339 | ±55 | 1.6% | 288 | ±24 | 8.3% | 7.9% | ±.7 | 8.9% |
| | Jun | 3,354 | ±55 | 1.6% | 270 | ±24 | 8.9% | 7.4% | ±.6 | 8.1% |
| | Jul | 3,389 | ±55 | 1.6% | 247 | ±23 | 9.3% | 6.8% | ±.6 | 8.8% |
| | Aug | 3,338 | ±55 | 1.6% | 236 | ±22 | 9.3% | 6.6% | ±.6 | 9.1% |
| | Sep | 3,272 | ±55 | 1.7% | 220 | ±21 | 9.5% | 6.3% | ±.6 | 9.5% |
| | Oct | 3,352 | ±55 | 1.6% | 230 | ±22 | 9.6% | 6.4% | ±.6 | 9.4% |
| | Nov | 3,325 | ±55 | 1.7% | 252 | ±23 | 9.1% | 7.0% | ±.6 | 8.6% |
| | Dec | 3,270 | ±55 | 1.7% | 259 | ±23 | 8.4% | 7.3% | ±.6 | 8.2% |
| 1982 | Jan | 3,214 | ±55 | 1.7% | 351 | ±27 | 7.7% | 9.8% | ±.7 | 7.1% |
| | Feb | 3,180 | ±56 | 1.8% | 327 | ±26 | 8.0% | 9.3% | ±.7 | 7.5% |
| | Mar | 3,259 | ±55 | 1.7% | 331 | ±26 | 7.9% | 9.2% | ±.7 | 7.6% |
| | Apr | 3,275 | ±55 | 1.7% | 319 | ±25 | 7.8% | 8.9% | ±.7 | 7.9% |
| | May | 3,318 | ±55 | 1.7% | 355 | ±27 | 7.6% | 9.7% | ±.7 | 7.2% |
| | Jun | 3,353 | ±55 | 1.6% | 314 | ±25 | 7.9% | 8.6% | ±.7 | 8.1% |
| | Jul | 3,399 | ±55 | 1.6% | 312 | ±25 | 8.0% | 8.4% | ±.7 | 8.3% |
| | Aug | 3,340 | ±55 | 1.6% | 320 | ±26 | 8.0% | 8.7% | ±.7 | 8.0% |
| | Sep | 3,288 | ±55 | 1.7% | 308 | ±25 | 8.1% | 8.6% | ±.7 | 8.1% |
| | Oct | 3,336 | ±55 | 1.6% | 300 | ±25 | 8.3% | 8.3% | ±.7 | 8.4% |
| | Nov | 3,330 | ±55 | 1.7% | 345 | ±26 | 7.5% | 9.4% | ±.7 | 7.4% |
| | Dec | 3,291 | ±55 | 1.7% | 318 | ±25 | 7.9% | 8.8% | ±.7 | 8.0% |
| 1983 | Jan | 3,263 | ±55 | 1.7% | 322 | ±26 | 8.1% | 9.0% | ±.7 | 7.8% |
| | Feb | 3,240 | ±55 | 1.7% | 325 | ±26 | 8.0% | 9.1% | ±.7 | 7.7% |
| | Mar | 3,250 | ±55 | 1.7% | 325 | ±26 | 8.0% | 9.1% | ±.7 | 7.7% |
| | Apr | 3,336 | ±55 | 1.6% | 268 | ±23 | 8.6% | 7.4% | ±.6 | 8.1% |
| | May | 3,342 | ±55 | 1.6% | 272 | ±24 | 8.8% | 7.5% | ±.6 | 8.0% |
| | Jun | 3,382 | ±55 | 1.6% | 315 | ±25 | 7.9% | 8.5% | ±.7 | 8.2% |
| | Jul | 3,428 | ±55 | 1.6% | 309 | ±25 | 8.1% | 8.3% | ±.7 | 8.4% |
| | Aug | 3,407 | ±55 | 1.6% | 319 | ±25 | 7.8% | 8.6% | ±.7 | 8.1% |
| | Sep | 3,370 | ±55 | 1.6% | 280 | ±24 | 8.6% | 7.7% | ±.6 | 7.8% |
| | Oct | 3,433 | ±55 | 1.6% | 218 | ±21 | 9.6% | 6.0% | ±.6 | 10.0% |
| | Nov | 3,444 | ±55 | 1.6% | 243 | ±22 | 9.1% | 6.6% | ±.6 | 9.1% |
| | Dec | 3,512 | ±54 | 1.5% | 246 | ±23 | 9.3% | 6.5% | ±.6 | 9.2% |
| 1984 | Jan | 3,464 | ±54 | 1.6% | 287 | ±24 | 8.4% | 7.6% | ±.6 | 7.9% |

Data Notes

Standard errors can be used to construct confidence intervals around each sample estimate. A 68% confidence interval means that, if repeated samples were drawn from the same population, the interval of plus or minus one standard error around each sample estimate would contain, in 68% of the cases, the true value based on a complete census of the population.

The standard errors and coefficients of variation are developed on the basis of past observed variation in New Jersey's sample data. They cannot be applied to seasonally adjusted data because a source of variation, namely seasonal patterns, have already been eliminated by the seasonal adjustment procedure.

COMPARATIVE US AND NJ
CIVILIAN LABOR FORCE TRENDS
Seasonally Adjusted*
(000)
1983 Benchmark

| Date | LABOR FORCE | | EMPLOYMENT | | UNEMPLOYMENT VOLUME | | UNEMPLOYMENT RATE (%) | |
|---|---|---|---|---|---|---|---|---|
| | US | NJ | US | NJ | US | NJ | US | NJ |
| 1978 | 102,251 | 3,444.0 | 96,048 | 3,197.0 | 6,202 | 247.0 | 6.1 | 7.2 |
| 1979 | 104,962 | 3,556.0 | 98,824 | 3,311.0 | 6,137 | 246.0 | 5.8 | 6.9 |
| 1980 | 106,940 | 3,581.0 | 99,303 | 3,322.0 | 7,637 | 259.0 | 7.1 | 7.2 |
| 1981 | 108,670 | 3,580.0 | 100,397 | 3,318.0 | 8,273 | 262.0 | 7.6 | 7.3 |
| 1982 | 110,204 | 3,619.0 | 99,526 | 3,294.0 | 10,678 | 325.0 | 9.7 | 9.0 |
| 1983 | 111,550 | 3,656.0 | 100,834 | 3,369.0 | 10,717 | 287.0 | 9.6 | 7.8 |
| 1982 | | | | | | | | |
| Jan | 109,075 | 3,583.0 | 99,682 | 3,248.0 | 9,393 | 335.0 | 8.6 | 9.3 |
| Feb | 109,503 | 3,552.0 | 99,810 | 3,240.0 | 9,693 | 312.0 | 8.9 | 8.8 |
| Mar | 109,664 | 3,611.0 | 99,754 | 3,303.0 | 9,910 | 308.0 | 9.0 | 8.5 |
| Apr | 109,901 | 3,634.0 | 99,598 | 3,303.0 | 10,303 | 331.0 | 9.4 | 9.1 |
| May | 110,542 | 3,641.0 | 100,179 | 3,310.0 | 10,363 | 331.0 | 9.4 | 9.1 |
| Jun | 110,133 | 3,613.0 | 99,653 | 3,312.0 | 10,480 | 301.0 | 9.5 | 8.3 |
| Jul | 110,399 | 3,625.0 | 99,503 | 3,323.0 | 10,896 | 302.0 | 9.9 | 8.3 |
| Aug | 110,473 | 3,626.0 | 99,563 | 3,302.0 | 10,910 | 324.0 | 9.9 | 8.9 |
| Sep | 110,679 | 3,634.0 | 99,412 | 3,308.0 | 11,267 | 326.0 | 10.2 | 9.0 |
| Oct | 110,690 | 3,637.0 | 99,146 | 3,301.0 | 11,544 | 336.0 | 10.4 | 9.2 |
| Nov | 110,923 | 3,664.0 | 99,036 | 3,305.0 | 11,887 | 359.0 | 10.7 | 9.8 |
| Dec | 110,873 | 3,609.0 | 98,979 | 3,278.0 | 11,894 | 331.0 | 10.7 | 9.2 |
| 1983 | | | | | | | | |
| Jan | 110,677 | 3,603.0 | 99,154 | 3,298.0 | 11,523 | 305.0 | 10.4 | 8.5 |
| Feb | 110,688 | 3,615.0 | 99,172 | 3,305.0 | 11,516 | 310.0 | 10.4 | 8.6 |
| Mar | 110,735 | 3,598.0 | 99,316 | 3,297.0 | 11,419 | 301.0 | 10.3 | 8.4 |
| Apr | 110,975 | 3,644.0 | 99,606 | 3,365.0 | 11,369 | 279.0 | 10.2 | 7.7 |
| May | 110,950 | 3,589.0 | 99,762 | 3,339.0 | 11,188 | 250.0 | 10.1 | 7.0 |
| Jun | 111,905 | 3,650.0 | 100,743 | 3,347.0 | 11,162 | 303.0 | 10.0 | 8.3 |
| Jul | 111,825 | 3,659.0 | 101,225 | 3,355.0 | 10,600 | 304.0 | 9.5 | 8.3 |
| Aug | 112,117 | 3,701.0 | 101,484 | 3,378.0 | 10,633 | 323.0 | 9.5 | 8.7 |
| Sep | 112,229 | 3,695.0 | 101,876 | 3,398.0 | 10,353 | 297.0 | 9.2 | 8.0 |
| Oct | 111,866 | 3,661.0 | 101,976 | 3,405.0 | 9,896 | 256.0 | 8.8 | 7.0 |
| Nov | 112,035 | 3,685.0 | 102,606 | 3,428.0 | 9,429 | 257.0 | 8.4 | 7.0 |
| Dec | 112,136 | 3,762.0 | 102,941 | 3,503.0 | 9,195 | 259.0 | 8.2 | 6.9 |
| 1984 | | | | | | | | |
| Jan | 112,215 | 3,774.0 | 103,190 | 3,503.0 | 9,026 | 271.0 | 8.0 | 7.2 |

SOURCE. U.S. Bureau of Labor Statistics

*Annual averages not seasonally adjusted.

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CHANGES IN THE ECONOMIC INDICATORS THIS MONTH

The following changes have been made this month to the data contained in the Statistical Section of this publication.

First, benchmark revisions were made to the unofficial seasonally adjusted resident labor force data, Series 1-6.

Second, the seasonally adjusted data Series 19-39 have been revised using new seasonal factors.

The comparative charts are currently undergoing benchmark revisions and will appear when completed.

In the coming months, the remaining series will be revised due to new benchmarks or with the introduction of new seasonal factors. We will note the revisions as they occur.

If you have any questions regarding the revisions please call (609) 292-7567.